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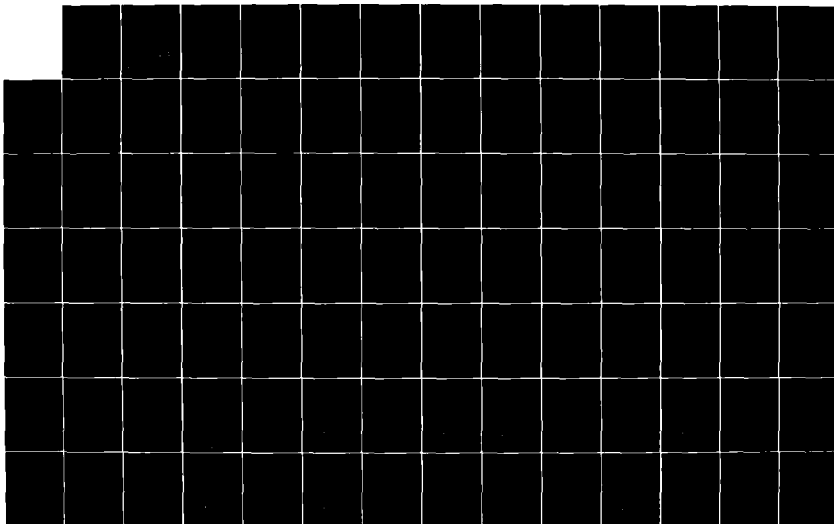
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS-17C FIELD
ARTILLERY TARGET..(U) DEFENSE LANGUAGE INST LACKLAND
AFB TX ENGLISH LANGUAGE CENTER.. 08 NOV 79

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JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR 17C
MOS
FIELD ARTILLERY TARGET ACQUISITION SPECIALIST
REFERENCE SOLDIER'S MANUAL DATED
6 November 1979

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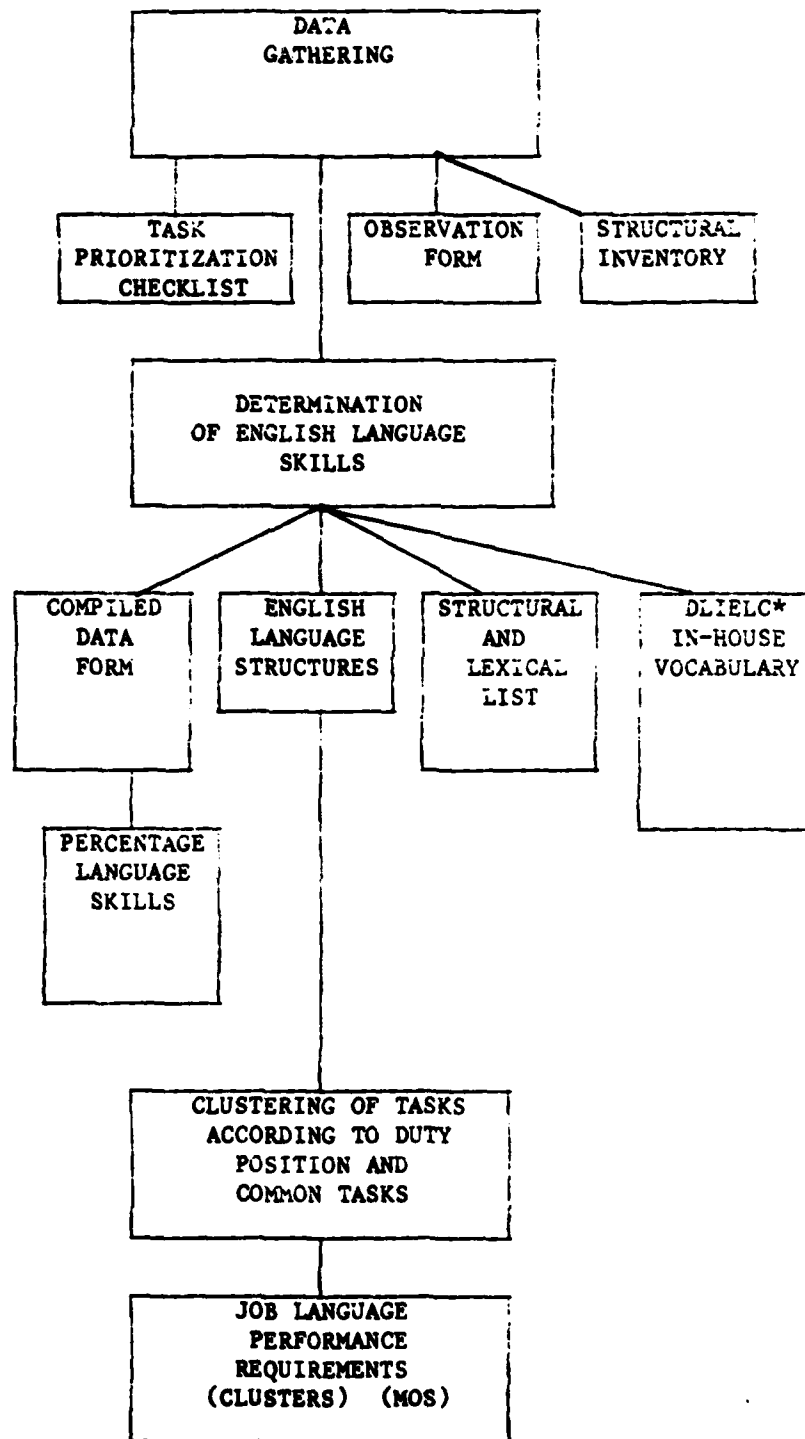


FIGURE 1

*Defense Language Institute English Language Center

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Job Language Performance Requirements (JLPR) study was conducted to determine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified.		

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PREFACE

INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

This report is organized in six main sections. Sections I-IV discuss methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JLPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis and constitute the basis for development of any MOS-oriented English language materials. Section V contains the JLPR by cluster/topic, while Section VI contains the JLPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virginia.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.



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SECTION I

DATA GATHERING

INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

SECTION I: DATA GATHERING

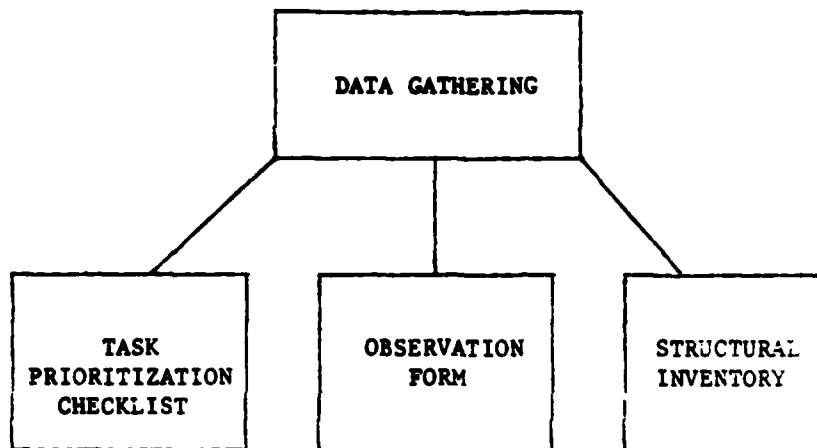


FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

1. Is the task taught?
2. How is the task taught?
3. Is the task tested?
4. How is the task tested?
5. How important are speaking, listening, reading and writing in learning and performing the task?
6. What are the results of poor performance in performing the task.

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

The Observation Form (Appendix 4) was used to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

SUMMARY/CONCLUSION:

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 4)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

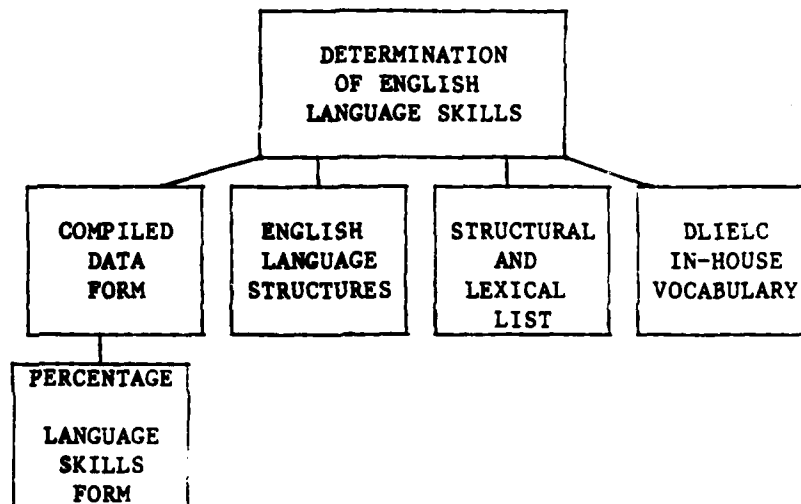


FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

1. Methods of teaching.
2. Methods of testing.
3. The actual respondents' ratings of the four English language skills.

From each of the three variables the following skills were determined:

VARIABLE	ENGLISH LANGUAGE SKILLS
Methods of Teaching demonstration lecture hands on self-paced	listening, listening, writing listening reading, writing

Methods of Testing performance oral written	listening speaking writing, reading
Rating of English Language Skills listening speaking reading writing	*a response of 2 or 3 on a scale of 1 to 3 was tallied a response of 1, 2, or 3 on a scale of 1 to 5 was tallied

*See A1

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

$$TR \div TxVxR = \% \text{ of use}$$

T = total number of tasks per cluster

V = language skill variable per cluster**

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

Listening	45%
Speaking	25%
Reading	24%
Writing	22%

As shown by the figures, listening is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

**See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technical Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5.

SUMMARY/CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS.

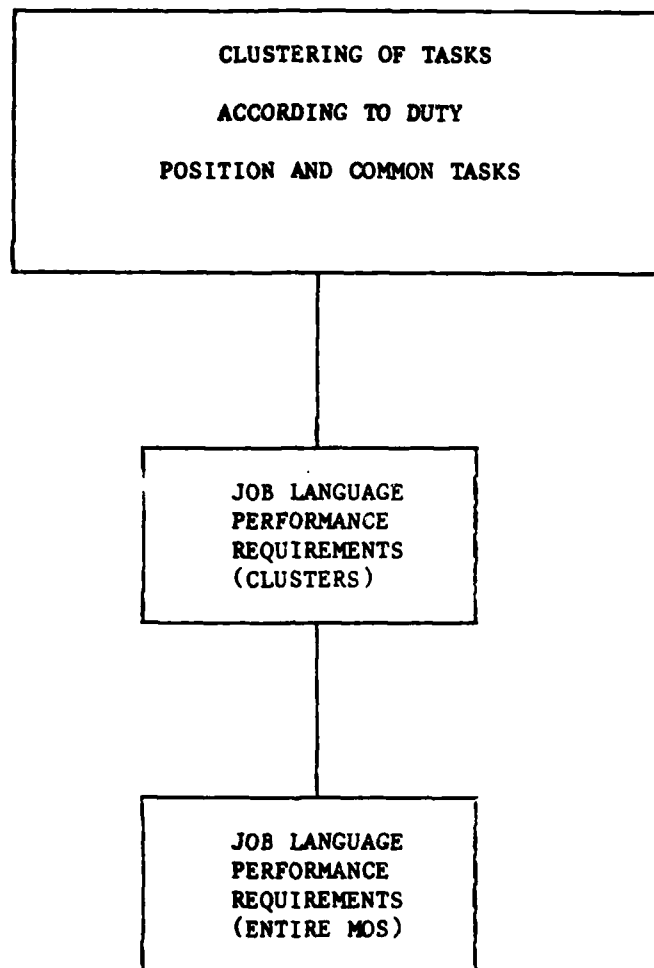


FIGURE 4

SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

Clustering was done by using the common and duty position tasks in the Soldier's Manual.

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. BASIC INDIVIDUAL TECHNIQUES
5. CAMOUFLAGE
6. SECURITY AND INTELLIGENCE
7. COMMUNICATIONS
8. LAND NAVIGATION
9. M16A1 RIFLE
10. LIGHT ANTITANK WEAPON (LAW)
11. GRENADES
12. MINES
13. VEHICLE OPERATIONS
14. M60 MACHINE GUN
15. COMPUTER
16. FADAC
17. LASER RANGEFINDER
18. MET
19. OBSERVER
20. PLOTTER
21. PROCESSING
22. RECORDER
23. SURVEY
24. DA FORMS
25. GENERATORS
26. HAND-HELD CALCULATOR

SECTION IV

JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:
CONDITION:
STANDARD:

A. TASK

The Job Language Performance Requirements state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldier's duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

SPEAKING

Produces oral utterances to report/inform/explain/elicit response/respond.

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldier's job tasks.

The speaking act to respond or elicit response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, field manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.

Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

LISTENING

Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI, though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though other conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

SUMMARY/CONCLUSION:

The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

FIRST AID

I. PERCENTAGE LANGUAGE SKILLS

Listening	55%
Speaking	34%
Reading	30%
Writing	27%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to respond
CONDITIONS:	Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Produce oral utterances to explain
CONDITIONS:	Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of captioned illustrations, procedures, tables and explanations
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirements to complete forms and make written reports
STANDARDS:	100% understandable and legible content

III. TASK NUMBERS AND TITLES

081-831-1001	Perform Mouth-To Mouth Resuscitation
081-831-1002	Perform Cardiopulmonary Resuscitation (CPR) Using One Man Method

081-831-1003 Clear An Airway Using Heimlich Maneuver
081-831-1004 Apply First-Aid Measures To Stop Bleeding
081-831-1005 Give First Aid To Prevent Shock
081-831-1006 Splint A Suspected Fracture
081-831-1007 Give First Aid For Burns
081-831-1008 Give First Aid For Heat Injuries
081-831-1009 Give First Aid For Wet Or Cold Injuries
081-831-1010 Give First Aid For Snakebite

NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	54%
Speaking	31%
Reading	24%
Writing	24%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to perform
CONDITIONS:	Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given NBC situations requiring oral alarms
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed material
TASK:	Write to record and report
CONDITIONS:	Given a requirement to produce a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

081-831-1011	Give First Aid To A Nerve Agent Casualty
081-831-1012	Give First Aid To A Blister Agent Casualty
081-831-1013	Give First Aid To A Blood Agent Casualty
081-831-1014	Apply Mask-To-Mouth Resuscitation To A Chemical-Agent Casualty
081-851-1001	Disinfect Water For Drinking (Canteen)
031-503-1001	Perform Operator's Maintenance On An M17 Series Protective Mask
031-503-1002	Put On And Wear A Protective Mask
031-503-1003	Store Protective Mask With Hood In Carrier
031-503-1004	Recognize And Protect Self Against A CB Hazard
031-503-1005	Recognize And Protect Self Against A Nuclear Hazard
031-503-1006	Give Visual, Vocal, And/Or Sound Alarms For Chemical Or Biological Attack
031-503-1007	Decontaminate Self
031-503-1008	Decontaminate Individual Equipment
031-503-1009	Satisfy Personal Needs In A Chemical Environment
031-503-1010	Exchange Filters On An M17 Series Protective Mask
031-503-1014	Identify A Chemical Agent Using ABC-M8 Detector Paper
031-503-1015	Put On And Wear Protective Clothing
031-503-2002	Decontaminate Equipment Using ABC-M11 Decontamination Apparatus
031-503-3005	Prepare And Submit NBC 1 Reports
031-503-3007	Prepare Supplies And Equipment For NBC Attack

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	15%
Reading	5%
Writing	6%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100 % understandable oral responses

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of procedures, manuals, charts, captioned illustrations and explanations
STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-327-0201	Maintain An Appropriate Level Of Physical Fitness (Male Only)
071-327-0210	Maintain An Appropriate Level Of Physical Fitness (Female Only)

BASIC INDIVIDUAL TECHNIQUES

I. PERCENTAGE LANGUAGE SKILLS

Listening	29%
Speaking	18%
Reading	11%
Writing	13%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given the requirement to orally respond to challenges, passwords and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-326-0600	Use Visual Signals To Control Movement (Dismounted)
071-326-0601	Use Visual Signals To Control Movement (Mounted)
071-326-0501	Move As A Member Of A Fire Team
071-326-0502	Move Under Direct Fire
071-326-5703	Construct Individual Fighting Positions
071-329-1018	Determine Direction Using Field Expedient Methods
071-331-0820	Analyze Terrain Using The 5 Military Aspects Of Terrain
071-331-0852	Clear Fields Of Fire
181-906-1505	Identify Your Rights And Obligations As A Prisoner Of War
551-721-1020	Utilize Proper Defense Procedures When Ambushed Or Attacked
551-721-1021	Take Passive Defense Measures Against Air Attacks

CAMOUFLAGE

I. PERCENTAGE LANGUAGE SKILLS

Listening	60%
Speaking	26%
Reading	19%
Writing	20%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-202-1001	Camouflage/Conceal Self And Individual Equipment
051-202-1003	Camouflage/Conceal Defensive Positions
051-202-1002	Camouflage/Conceal Equipment
551-721-1017	Utilize Vehicle Camouflage And Concealment

SECURITY AND INTELLIGENCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	38%
Speaking	23%
Reading	22%
Writing	23%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Listen to orally interact
CONDITIONS: Given oral challenges, passwords and scenarios in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral information

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce spontaneous oral utterances to interact
CONDITIONS: Given the requirement to orally respond to challenges, passwords and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of procedures, tables and warnings
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given the requirement to complete forms and make written reports
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-331-0801	Use Challenge And Password
071-331-0802	Process Known Or Suspected Enemy Personnel

071-331-0803 Collect/Report Information - SALUTE
071-331-0806 Identify Opposing Force (OPFOR) Armored Vehicles
071-331-0808 Identify Opposing Forces (OPFOR) Weapons And
Equipment

COMMUNICATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	55%
Speaking	29%
Reading	19%
Writing	17%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Listen to perform
CONDITIONS:	Given a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral content
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-571-1003	Establish, Enter Or Leave A Radio Net
113-571-1005	Send Or Receive A Radiotelephone Message

113-573-4001	Encode And Decode Messages Using KTC-600 Tactical Operations Code
113-573-4002	Use KAL-61B KTC1400 Numerical Code To Authenticate Transmissions And Encrypt/Decrypt Numbers And Grid Zone Letters
113-573-8001	Use An Automated CEOI
113-587-1001	Install Radio Set AN/PRC-77 Or AN/PRC-25
113-587-1004	Install Radio Set AN/VRC-46 (AN/VRC-12 Series)
113-587-2001	Operate Radio Set AN/PRC-77 Or AN/PRC-25
113-587-2003	Operate Radio Set AN/VRC-46 (AN/VRC-12 Series)
113-588-1037	Install Communication Wire Lines
113-600-1001	Install Telephone Set TA-312/PT
113-600-2001	Operate Telephone Set TA-312/PT
113-596-1003	Erect/Dismantle Antenna RC-292
113-596-3001	Perform Operator Checks And Services On Antenna RC-292
113-622-2003	Install And Operate Radio Remote Control Equipment
113-622-3005	Perform Operator Checks And Services On Radio Remote Control Equipment
113-587-3004	Perform Operator Maintenance On Radio Sets AN/VRC-46 And AN/VRC-47
113-587-3005	Perform Operator Maintenance On Radio Sets AN/PRC-77, And AN/PRC-25 Or AN/VRC-160
113-588-3011	Perform Operator Maintenance On Communications Wire
113-600-3001	Perform Operator Preventive Maintenance On Telephone Set TA-312/PT
551-721-1007	Perform Before-Operation Maintenance
551-721-1008	Perform During-Operation Maintenance
551-721-1009	Perform After-Operation Maintenance

LAND NAVIGATION

I. PERCENTAGE LANGUAGE SKILLS

Listening	59%
Speaking	28%
Reading	38%
Writing	33%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record the grid reference
STANDARDS:	100% legible written content

III. TASK NUMBERS AND TITLES

071-329-1001	Identify Terrain Features (Natural And Manmade) On The Map
071-329-1002	Determine The Grid Coordinates Of A Point On A Military Map Using The Military Grid Reference System
071-329-1004	Determine The Elevation Of A Point On The Ground Using A Map
071-329-1008	Measure Distance On A Map
071-329-1010	Determine The Azimuths Using A Coordinate Scale And Protractor

071-329-1022	Determine An Unknown Point On A Map By Intersection
071-329-1023	Determine An Unknown Point On A Map On The Ground By Resection
071-329-7016	Determine Azimuth Using An M2 Compass
071-329-1024	Measure An Azimuth On A Map With A Protractor
071-329-1005	Determine A Location On The Ground By Terrain Association
071-329-1006	Navigate From One Position On The Ground To Another Point
071-329-1007	Determine Distance While Moving Between 2 Points On The Ground
071-329-7009	Convert Azimuths (Magnetic Or Grid)
071-329-1011	Orient A Map Using A Compass
071-329-1012	Orient A Map To The Ground By Map-Terrain Association
071-329-1025	Orient A Map Using A Declinated M2 Compass
061-326-0515	Select A Movement Route Using A Map

M16A1 RIFLE

I. PERCENTAGE LANGUAGE SKILLS

Listening	56%
Speaking	24%
Reading	23%
Writing	21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations, warnings and references
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of a range card
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete a range card
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-311-2006	Use Limited Visibility Firing Techniques With The M16A1 Rifle
071-311-2001	Perform Operator Maintenance On An M16A1 Rifle, Magazine, and Ammunition

071-311-2003 Load, Reduce A Stoppage, And Clear An M16A1 Rifle
071-311-2004 Battlesight Zero An M16A1 Rifle
071-311-2007 Qualify With The M16A1 Rifle

LIGHT ANTITANK WEAPON (LAW)

I. PERCENTAGE LANGUAGE SKILLS

Listening	63%
Speaking	36%
Reading	24%
Writing	20%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-318-2201	Prepare An M72A2 LAW For Firing; Restore M72A2 LAW To Carrying Configuration
071-318-2202	Engage Targets With An M72A2 LAW
071-318-2203	Apply Immediate Action To Correct A Malfunction On An M72A2 LAW

GRENADES

I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	17%
Reading	13%
Writing	12%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-325-4401	Perform Safety Checks On Hand Grenades
071-325-4402	Engage Enemy Targets With Hand Grenades
071-325-4405	Identify And Employ Hand Grenades
071-311-2101	Perform Operator Maintenance On M203 Grenade Launcher And Ammunition

071-311-2102 Load, Unload And Clear The M203 Grenade Launcher
071-311-2103 Zero An M203 Grenade Launcher
071-311-2104 Engage Targets With An M203 Grenade Launcher And
Apply Immediate Action To Reduce A Stoppage
071-311-2105 Use Limited Visibility Firing Technique With The
M203 Grenade Launcher

MINES

I. PERCENTAGE LANGUAGE SKILLS

Listening	29%
Speaking	14%
Reading	7%
Writing	8%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to mark mine fields
STANDARDS:	100% understandable and legible written communication

III. TASK NUMBERS AND TITLES

051-192-1021	Locate A Mine By Visual Means
051-192-1022	Locate A Mine By Probing
051-192-1003	Install The M18A1 Fragmentation Antipersonnel Mine (Claymore) With And Without Tripwires
051-192-1013	Disarm The M18A1 Fragmentation Antipersonnel Mine (Claymore) With And Without Tripwires

VEHICLE OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	43%
Speaking	19%
Reading	13%
Writing	14%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, labels, signs, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete DA Form 2402 and vehicle logbook
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

551-721-1018	Drive Vehicle Under Blackout Conditions
551-721-1019	Drive Vehicle Through Contaminated Area
551-721-1011	Drive Vehicle with Manual Transmission
551-721-1013	Operate Vehicle in Snow and Ice
551-721-1014	Operate Vehicle In Sand
551-721-1015	Drive Vehicle Off Road
551-721-1016	Drive Vehicle In Motor March or Convoy
551-721-1018	Drive Vehicle Under Blackout Conditions
551-721-1019	Drive Vehicle Through Contaminated Area
551-721-1020	Utilize Proper Defense Procedures When Ambushed or Attacked
551-721-1837	Start the Engine of a Vehicle Using Auxiliary Power From an Outside Source

M60 MACHINEGUN

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	24%
Reading	12%
Writing	12%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to answer in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of requirements, captioned illustrations and labels
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of a range card
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete a range card
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-312-3001	Operate an M60 Machinegun
071-312-3002	Fire the M60 Machinegun for Familiarization
071-312-3003	Lay M60 Machinegun Using Field Expedients
071-312-3004	Construct an M60 Machinegun Position
071-312-3005	Perform Operator's Maintenance on an M60 Machinegun and Ammunition

071-312-3006 Field Zero an M60 Machinegun
071-312-3008 Qualify with an M60 Machinegun
071-312-3009 Zero an M60 Machinegun on 10-Meter Range
071-312-3007 Prepare a Range Card for an M60 Machinegun

COMPUTER

I. PERCENTAGE LANGUAGE SKILLS

Listening	42%
Speaking	36%
Reading	56%
Writing	43%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete DA forms
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-297-1150	Compute the Coordinates of Center Points and Normal Points
061-297-1151	Compute Initial Time Intervals
061-297-1152	Compute Weather Corrected and Final Time Intervals

061-297-1153 Compute Target Height
061-297-1154 Compute Flash Ranging Registration Data
061-297-1155 Compute Missing Trace Data

FADAC

I. PERCENTAGE LANGUAGE SKILLS

Listening	40%
Speaking	27%
Reading	29%
Writing	24%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations and computer printouts
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and type characters (keyboard)
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-297-1200	Prepare the FADAC for Operation
061-297-1201	Store Known Data in FADAC
061-297-1202	Recall Stored Data from FADAC
061-297-1203	Compute Sound-On-Sound Adjustment with FADAC
061-297-1204	Compute Sound Ranging Location with FADAC
061-297-1205	Compute Flash Adjustment with FADAC
061-297-1206	Compute a Flash Target Location with FADAC
061-297-1207	Compute a Three Point Resection with FADAC
061-297-1208	Compute an Intersection with FADAC
061-297-1209	Compute Observing Azimuths with FADAC
061-297-1210	Prepare the FADAC for March Order

061-279-6001 Operate a GED Generator Set (FADAC)
061-279-6002 Service a GED Generator Set (FADAC)
061-279-6003 Insure that FADAC Generators are Properly Emplaced and
Prepared for Operation
061-279-6005 Insure that the FADAC is Properly Emplaced and Prepared
for Operation

LASER RANGEFINDER

I. PERCENTAGE LANGUAGE SKILLS

Listening	19%
Speaking	9%
Reading	15%
Writing	6%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES:

061-283-1950	Prepare The AR/GVS-5, Laser Rangefinder (LR), For Operation
061-283-1951	Prepare The AN/GVS-5, Laser Rangefinder (LR), For March Order
061-283-1952	Range A Target During Daylight Conditions With An AN/GVS-5 Laser Rangefinder (LR)
061-283-1953	Operate the AN/GVS-5, Laser Rangefinder (LR), Under Unusual Conditions
061-283-1954	Perform Preventive Maintenance On An AN/GVS-5 Laser Rangefinder (LR)
061-283-1955	Prepare The Battery Charger PP-7286/U For Operation
061-283-1956	Operate The Battery Charger PP-7286/U
061-283-1957	Perform Operator/Crew Maintenance On A Battery Charger PP-7286/U

V-28-17C

MET

I. PERCENTAGE LANGUAGE SKILLS

Listening	50%
Speaking	28%
Reading	36%
Writing	31%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, scales, tables, captioned illustrations, forms and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record the grid reference
STANDARDS:	100% legible written content

III. TASK NUMBERS AND TITLES:

061-297-1000	Inflate The Pilot Balloon
061-297-1001	Prepare Theodolite For Tracking
061-297-1002	Track The Pilot Balloon With A Theodolite
061-297-1003	Compute Effective Temperature
061-297-1004	Determine Effective Wind Speed And Direction

OBSERVER

I. PERCENTAGE LANGUAGE SKILLS

Listening	53%
Speaking	30%
Reading	32%
Writing	29%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions and verbal commands to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and make written reports
STANDARDS:	100% understandable and legible written content

III. TASKS NUMBERS AND TITLES:

061-297-1251	Perform As A Sound Observer At A Sound/Flash Observation Post
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061-297-1252	Install A BC Periscope
061-297-1253	Perform Operator Checks And Services On The BC Periscope
061-297-1254	Measure/Report/Record Azimuth And Vertical Angle To A Flash Point
061-297-1255	Call For/Adjust Indirect Fire From A Single Sound/Flash Observation Post
061-297-1256	Register Indirect Fire By Flash Ranging
061-297-1257	Determine Distance By Flash-To-Bang
061-297-1258	Locate A Target By Grid Coordinates From A Single Sound/Flash Observation Post
061-297-1259	Locate A Target By Shift From A Known Point From A Single Sound/Flash Observation Post
061-297-1260	Locate A Target By Polar Plot From A Single Sound/Flash Observation Post

PLOTTER

I. PERCENTAGE LANGUAGE SKILLS

Listening	45%
Speaking	25%
Reading	42%
Writing	35%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments as a team member in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, scales, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and make written reports
STANDARDS:	100% understandable and legible written content
TASK:	Write to record
CONDITIONS:	Given a requirement to record the grid reference
STANDARDS:	100% legible written content

III. TASKS NUMBERS AND TITLES:

061-297-1100	Construct A Preliminary Plotting Chart And Plot Time Intervals
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061-297-1101	Prepare The Final Plotting Chart
061-297-1102	Construct A Flash Plotting Chart (Numbered Grid)
061-297-1109	Construct A Flash Plotting Chart (Unnumbered Grid)
061-297-1103	Determine Curvature Corrections
061-297-1104	Plot The Final Time Intervals And Determine Polygon Center And Grid Location
061-297-1105	Adjust Indirect Fires By Sound-On Sound (Numbered Grid)
061-297-1110	Adjust Indirect Fires By Sound-On-Sound (Ungridded Chart)
061-297-1106	Perform A Missing Trace Plot
061-297-1107	Adjust Indirect Fire By Flash Ranging (Numbered Grid)
061-297-1111	Adjust Indirect Fire By Flash Ranging (Unnumbered Grid)
061-297-1108	Determine Location Of A Flash Target
061-297-2000	Compute Data For A Three Point Resection
061-297-2001	Construct A Visibility Diagram
061-297-2050	Install/Operate The Sound/Flash Ranging Switchboard, SB-223/GR
061-297-2051	Perform Operator Maintenance On Switchboard Signal Assembly SB-223/GR
061-297-2054	Determine Sound Wave Arrival Times

PROCESSING

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	29%
Reading	36%
Writing	33%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and make written reports
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES:

061-298-1001 Prepare And Maintain A Target Production Map And Overlays

061-298-1002 Locate Defilade And Observable Areas From A Visibility
Diagram
061-298-2003 Maintain The Target Card File
071-332-5051 Prepare/Post Daily Staff Journal
061-306-6004 Perform Crater And Shell Fragment Analysis
061-306-6005 Prepare/Submit Standard Shelling, Mortaring, And Bombing
Report

RECORDER

I. PERCENTAGE LANGUAGE SKILLS

Listening	37%
Speaking	26%
Reading	26%
Writing	20%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete forms
STANDARDS:	100% legible written content

III. TASK NUMBERS AND TITLES:

061-297-1050	Prepare AN/TNS-10 Sound Recording Equipment For Operation
061-297-1051	Prepare GR-8 Sound Recording Equipment For Operation
061-297-1052	Perform Operator Maintenance On Sound Ranging Set AN/TNS-10
061-297-1053	Perform Operator Maintenance On The Sound Ranging Set GR-8
061-297-1250	Emplace A Microphone

SURVEY

I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	23%
Reading	24%
Writing	20%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given the requirement to orally respond as a team member
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, forms, notes, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and take notes
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES:

061-297-1300	Measure Distance With A 30 Meter Steel Tape
061-297-1301	Repair A 30 Meter Steel Tape
061-297-1303	Record Field Notes
061-297-2301	Compute Azimuth And Distance Between Known Coordinates
061-297-2302	Compute A Traverse And Closing Data
061-297-2304	Compute The Coordinates Of Microphone Positions On A Straight Regular Base

DA FORMS

I. PERCENTAGE LANGUAGE SKILLS

Listening	61%
Speaking	28%
Reading	30%
Writing	34%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of logs, forms and records
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete DA Form 2404
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES:

101-530-1206	Prepare The Equipment Log
101-530-3008	Prepare DA Form 2404 (Equipment Inspection And Maintenance Worksheet)
101-530-1201	Prepare Motor Vehicle Utilization Record To Dispatch Organizational Equipment

GENERATORS

I. PERCENTAGE LANGUAGE SKILLS

Listening	60%
Speaking	38%
Reading	25%
Writing	19%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and make written reports
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES:

051-201-2005 Operate A 3KW Generator

HAND-HELD CALCULATOR

I. PERCENTAGE LANGUAGE SKILLS

Listening	34%
Speaking	20%
Reading	7%
Writing	15%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES:

061-297-2310	Operate The Hand-Held Calculator
061-297-2311	Compute Azimuth And Distance Between Known Coordinates With The Calculator
061-297-2312	Compute A Traverse Leg With The Calculator
061-297-2313	Compute Survey Closing Data With The Calculator
061-297-1160	Compute Weather Corrected Time Intervals Using The Hand-Held Calculator
061-297-2315	Compute Flash Location Using The Hand-Held Calculator

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

LISTENING

TASK: Understand oral language intended to inform or instruct.

CONDITIONS: Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5 & 6)

STANDARDS: 100% understanding and assimilation of presented oral language task.

The following are specific conditions found in this language task:

Warnings
Described situations
Directions
Lectures
Commands, Orders
Sound tracks (films, tapes)
Standard/Non-standard English
Instructions
SQT questions

TASK: Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit responses.

CONDITIONS: Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)

STANDARDS: 100% understanding and assimilation of oral language in order to apply and respond.

The following are specific conditions found in this language task:

Shouting
Radio communications
Coded messages
Spellings
Conversation
Requests

SPEAKING

- TASK:** Formulate and produce appropriate oral responses spontaneously.
- CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation.
(Appendices 5 & 6)
- STANDARDS:** 100% understandable oral response using correct lexicon and syntax for the training situation.

The following are specific conditions found in the language task:

Explanations
Statements
Repetitions
Counting
Corrections
Assignments
Notifications
Oral reports
Answers
Clarifications
Information

- TASK:** Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.
- CONDITIONS:** Given a communicative situation (Appendices 4, 5, & 6 Soldier's Manual) in any training situation.
- STANDARDS:** 100% understandable communication using correct lexicon and syntax for the communication act.

The following are specific conditions found in this language task:

Requesting information
Requesting permission
Transmitting messages
Call signs
Vocal signals
Shout warnings
Radio communications
Target locations
Directions (N,S,E,W)
Directions, general
Requests for fire
Report on the results of fire
Challenges/Passwords
Training sessions
Interaction

READING

- TASK:** Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex printed form in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of printed content.

The following are specific conditions found in this language task:
Captions with illustrations.

Lists	Extracts
Procedures	Columns
Information	Indices
Definitions	Charts
Outlines	Methods
Signs	Technical Vocabulary
Markers	Standard Operating Procedures
References	Cartoons
Rules	Problems
Maps	Manuals
Flags	Graphic Training Aids
Military Documents	
I.D. Papers	
Regulations	

- TASK:** Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex written form in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of written content.

The following are specific conditions found in this language task:

Lists
Information
Descriptions
Radiation readings off dosimeter
Coordinate scales
Callsigns-suffices
Three-letter codes
Examples
Calculations
Markings
Radio communications
Range cards
Notes
Messages

WRITING

- TASK:** Upon instruction, write in conventional orthography, letter, numbers, words or sentences appropriate to the training situation.
- CONDITIONS:** Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.
- STANDARDS:** 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situations. (Appendix 4)

The following are specific conditions found in this language task:

Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

- TASK:** Write, in conventional orthography, letters, or specialized code, numbers, words or sentences in order to transmit or record information.
- CONDITIONS:** Given standardized forms or paper and oral communication.
- STANDARDS:** 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

The following are specific conditions found in this language task:

Technical forms
Codes
Grid coordinates
Decoded messages
Encoded messages
Logbooks
Plottings
Figures
Reports
Tags
Range cards
Applicable DA forms

APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentage Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (DLIELC in-house)
7. Vocabulary (machine-generated)
8. English Language Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved by the
Department of the Army in 1980.

YOUR CURRENT MOS: _____
(PRESENTLY WORKING IN)

MOS IN WHICH YOU WERE TRAINED: _____
POSITION: _____
UNIT: _____

*RATING: 1=low
2= med
3= high

YES NO IS TASK
TAUGHT?

IMPORTANCE
OF:
LISTENING*
SPEAKING*
READING*
WRITING*

HOW
TAUGHT
LECTURE
SELF-PACED
DEMONSTRATION
HANDS-ON

YES NO IS TASK
TESTED?

HOW
TESTED?
WRITTEN
ORAL
PERFORMANCE
PERSON

FOUR
PERFORM
RESULTS
DANGER
EQUIPMENT

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from
the Task Prioritization Checklist.

68

TRAINING SPECIALIST

Soul is.

First Aid

TRAINING SPECIALIST

TASK

First 940

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST[illegible]

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
	difficulty?	importance	lecture	performance	writing
	tested?	equipment	demonstration	oral	reading
	taught?	danger to person or	hands-on		speaking
					listening
001 34 10"					
002 34-1012					
003 34-1013					
004 34-1014					

TRAINING SPECIALIST

123 1003

○

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

RATING OF ELS	writing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
1503-105	difficulty? tested? taught?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing
					reading
					speaking
					listening
1503-106	difficulty? tested? taught?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	
1503-107	difficulty? tested? taught?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	
1503-108	difficulty? tested? taught?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	

NBC

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
	difficulty?	danger to person or	self-paced	written	writing
	tested?	equipment	hands-on	oral	reading
	taught?	importance	demonstration	performance	speaking
			lecture		listening
031-503-1009					
031-503-1010					
031-503-1014					
031-503-1015					
031-503-1001					

TRAINING SPECIALIST

[illegible]

MOS	NUMBER OF RESPONDENTS
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
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91	1
92	1
93	1
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95	1
96	1
97	1
98	1
99	1
100	1

DATA OBTAINED FROM _____ TRAINING SPECIALIST

[illegible]

1401 N. FINCH

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TRAINING SPECIALIST

TRAINING SPECIALIST

TRAINING SPECIALIST

1M 331-0703

5272 + 14766144

DATA OBTAINED FROM TRAINING SPECIALIST

11, 17

Don't miss it

TRAINING SPECIALIST

118 547 1004

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
	difficulty?	danger to person or	self-paced	written	writing
	tested?	equipment	hands-on	oral	reading
	taught?	importance	demonstration	performance	speaking
			lecture		listening
113-587-7007					
113-588-0037					
113-600-1001					
113-600-2001					

TRAINING SPECIALIST

W. M. W. W. W. W. W.

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
	difficulty?	importance	lecture	performance	writing
	tested?	equipment	demonstration	oral	reading
	taught?		self-paced		speaking
			hands-on		listening

TRAINING SPECIALIST

700-2 1/2 1/2 1/2 1/2

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
	difficulty?	importance	lecture	performance	writing
	tested?	equipment	demonstration	oral	reading
	taught?		hands-on		speaking
					listening
071-279-1010					
071-379-1010					
071-379-1022					
071-379-1023					

[illegible]

TRAINING SPECIALIST

197-1015

Pravilno gub.

TRAINING SPECIALIST

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TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
					writing
					reading
					speaking
					listening
					written
					oral
					performance
					self-paced
					hands-on
					demonstration
					lecture
					danger to person or equipment
					importance
					difficulty?
					tested?
					taught?
011 311.1007					
011 316.1101					
011 316.1102					
011 316.1103					

TRAINING SPECIALIST

[illegible]

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TRAINING SPECIALIST

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TRAINING SPECIALIST

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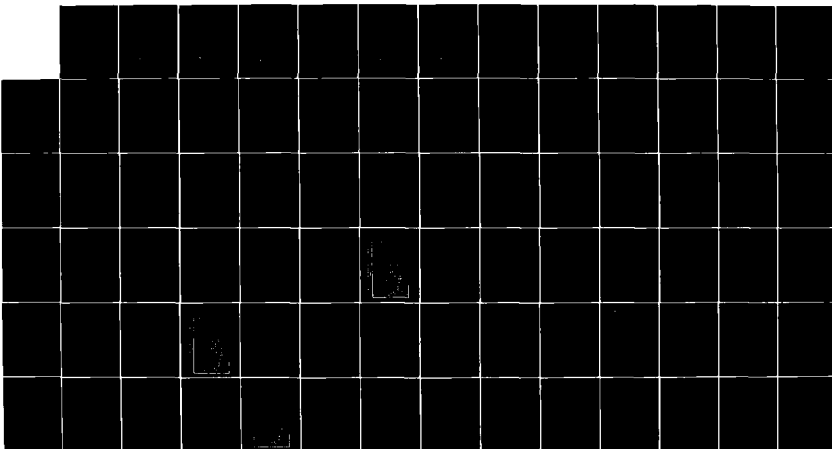
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS-17C FIELD
ARTILLERY TARGET..(U) DEFENSE LANGUAGE INST LACKLAND
AFB TX ENGLISH LANGUAGE CENTER.. 08 NOV 79

1/2

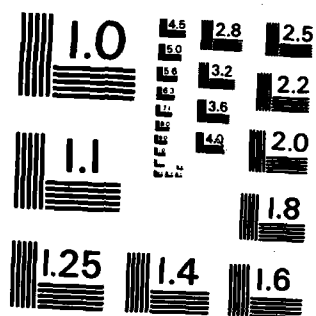
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

TRAINING SPECIALIST

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TRAINING SPECIALIST

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011-317-3001

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TRAINING SPECIALIST

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TRAINING SPECIALIST

Cambridge

TRAINING SPECIALIST

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TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
66-177-1740	difficulty?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing
	tested?				reading
	taught?				speaking
66-177-1740					listening
66-177-1740					
66-177-1740					

TRAINING SPECIALIST

TASK

061-274-6003

964-179-6003

100-177-6005

0561 1950

1911. 27, 12

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Also Attached

TRAINING SPECIALIST

RATING OF ELS	writing	reading	speaking	listening
METHODS OF TESTING	written	oral	performance	
METHODS OF TEACHING	self-paced	hands-on	demonstration	lecture
CRITICALITY	danger to person or equipment	importance		
UNIT	difficult?	tested?		

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST[illegible]

49501 29455 12052

TRAINING SPECIALIST

**ASK
WINTER**

26-1783-1957

Vol. 77-1000

061-797-1001

Nov. 1997. 1. -

15W

RATING OF ELLS	writing	reading	speaking	listening
METHODS OF TESTING	written	oral	performance	
METHODS OF TEACHING	self-paced	hands-on	demonstration	lecture
CRITICALITY	danger to person or equipment	importance		
UNIT	difficult?	tested?		

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
	difficulty?	danger to person or equipment	self-paced	written	writing
	tested?	importance	hands-on	oral	reading
	taught?		demonstration	performance	speaking
			lecture		listening
761-237-1003					
661-297-1007					
761-297-1151					
761-297-1153					
761-297-1155					

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
	difficulty?	danger to person or equipment	self-paced	written	writing
	tested?	importance	hands-on	oral	reading
	taught?		demonstration	performance	speaking
			lecture		listening

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RATING OF ELS	METHODS OF TESTING	METHODS OF TEACHING	CRITICALITY	UNIT
writing	written	self-paced	danger to person or equipment	difficult?
reading	oral	hands-on	importance	tested?
speaking	performance	demonstration		
listening		lecture		

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
		danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening
		difficulty? tested? taught?			
Del 197-1106					
Del 197-2000					
Del 197-2001					
Del 197-2018					

0 160776

TRAINING SPECIALIST

June 1951

DATA OBTAINED FROM _____ TRAINING SPECIALIST

[illegible]

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TRAINING SPECIALIST[illegible]

NOS 17C

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

RATING OF ELS	METHODS OF TESTING	METHODS OF TEACHING	CRITICALITY	UNIT
writing	written	self-paced	danger to person or	difficult?
reading	oral	hands-on	equipment	tested?
speaking	performance	demonstration	importance	
listening		lecture		

MOS	NUMBER OF RESPONDENTS
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
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14	1
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93	1
94	1
95	1
96	1
97	1
98	1
99	1
100	1

DATA OBTAINED FROM

TRAINING SPECIALIST[illegible]

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TRAINING SPECIALIST

DA F. 25

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
				written	writing
				oral	reading
				performance	speaking
					listening
			self-paced		
			hands-on		
			demonstration		
			lecture		
		danger to person or equipment			
		importance			
	difficulty?				
	tested?				
	taught?				

TRAINING SPECIALIST[illegible]

APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

Some clusters have two sets of computations because some Task Prioritization Forms were received after original computations and had to be added on.

PERCENTAGE LANGUAGE SKILLS
NOS 170

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
FIRST AID	$10 \times 5 \times 9 = 450$ $\begin{array}{r} 5- \\ 34 \\ 28 \\ 49 \\ 72 \\ \hline 248 \end{array}$ $450 \overline{) 248.000}$ $\begin{array}{r} .551 \\ 450 \overline{) 248.000} \end{array}$	$10 \times 2 \times 9 = 180$ $\begin{array}{r} 13 \\ 49 \\ \hline 62 \end{array}$ $180 \overline{) 62.000}$ $\begin{array}{r} .344 \\ 180 \overline{) 62.000} \end{array}$	$10 \times 3 \times 3 = 270$ $\begin{array}{r} 10 \\ 28 \\ 43 \\ \hline 81 \end{array}$ $270 \overline{) 81.000}$ $\begin{array}{r} .300 \\ 270 \overline{) 81.000} \end{array}$	$10 \times 4 \times 3 = 120$ $\begin{array}{r} 24 \\ 10 \\ 25 \\ 25 \\ \hline 99 \end{array}$ $120 \overline{) 99.000}$ $\begin{array}{r} .825 \\ 120 \overline{) 99.000} \end{array}$
	55%	34%	30%	27%
NBC	$20 \times 5 \times 10 = 1000$ $\begin{array}{r} 116 \\ 77 \\ 73 \\ 107 \\ 163 \\ \hline 537 \end{array}$ $1000 \overline{) 537.000}$ $\begin{array}{r} .537 \\ 1000 \overline{) 537.000} \end{array}$	$20 \times 2 \times 10 = 400$ $\begin{array}{r} 32 \\ 91 \\ \hline 123 \end{array}$ $400 \overline{) 123.000}$ $\begin{array}{r} .308 \\ 400 \overline{) 123.000} \end{array}$	$20 \times 3 \times 10 = 600$ $\begin{array}{r} 7 \\ 7 \\ 8 \\ \hline 22 \end{array}$ $600 \overline{) 22.000}$ $\begin{array}{r} .037 \\ 600 \overline{) 22.000} \end{array}$	$20 \times 4 \times 10 = 800$ $\begin{array}{r} 77 \\ 7 \\ 51 \\ \hline 135 \end{array}$ $800 \overline{) 135.000}$ $\begin{array}{r} .169 \\ 800 \overline{) 135.000} \end{array}$
	54%	31%	24%	17%
INDIVIDUAL FITNESS	$2 \times 5 \times 10 = 100$ $\begin{array}{r} 10 \\ 3 \\ 9 \\ 12 \\ 10 \\ \hline 44 \end{array}$ $100 \overline{) 44.000}$ $\begin{array}{r} .440 \\ 100 \overline{) 44.000} \end{array}$	$2 \times 2 \times 10 = 40$ $\begin{array}{r} 0 \\ 6 \\ \hline 6 \end{array}$ $40 \overline{) 6.000}$ $\begin{array}{r} .150 \\ 40 \overline{) 6.000} \end{array}$	$2 \times 3 \times 10 = 60$ $\begin{array}{r} 0 \\ 0 \\ 3 \\ \hline 3 \end{array}$ $60 \overline{) 3.000}$ $\begin{array}{r} .050 \\ 60 \overline{) 3.000} \end{array}$	$2 \times 4 \times 10 = 80$ $\begin{array}{r} 10 \\ 3 \\ 0 \\ \hline 13 \end{array}$ $80 \overline{) 13.000}$ $\begin{array}{r} .163 \\ 80 \overline{) 13.000} \end{array}$
		15%	5%	
				119

**PERCENTAGE LANGUAGE SKILLS
MOS 17C**

TR = total number of responses to variables in the cluster
T = number of tasks in ' cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
BASIC INDIVIDUAL TRAINING	$11 \times 5 \times 7 = 385$ $\begin{array}{r} 19 \\ 13 \\ 17 \\ 22 \\ 41 \\ \hline 112 \end{array}$ $385 / 112.000 = .291$	$11 \times 2 \times 7 = 154$ $\begin{array}{r} 1 \\ 27 \\ 28 \\ \hline 154 \end{array}$ $154 / 28.000 = .182$	$11 \times 3 \times 7 = 231$ $\begin{array}{r} 4 \\ 5 \\ 17 \\ 26 \\ \hline 231 \end{array}$ $231 / 26.000 = .113$	$11 \times 4 \times 7 = 308$ $\begin{array}{r} 13 \\ 4 \\ 5 \\ 19 \\ 41 \\ \hline 102 \end{array}$ $308 / 41.000 = .133$
CARAVANS	$4 \times 5 \times 10 = 200$ $\begin{array}{r} 25 \\ 13 \\ 24 \\ 25 \\ 23 \\ \hline 120 \end{array}$ $200 / 120.000 = .600$	$4 \times 2 \times 10 = 80$ $\begin{array}{r} 1 \\ 20 \\ 21 \\ \hline 41 \end{array}$ $80 / 21.000 = .763$	$4 \times 3 \times 10 = 120$ $\begin{array}{r} 13 \\ 0 \\ 7 \\ 12 \\ \hline 32 \end{array}$ $120 / 32.000 = .722$	$4 \times 4 \times 10 = 160$ $\begin{array}{r} 13 \\ 0 \\ 7 \\ 12 \\ \hline 32 \end{array}$ $160 / 32.000 = .722$
SECURITY AND INTELLIGENCE	$5 \times 5 \times 9 = 225$ $\begin{array}{r} 16 \\ 12 \\ 11 \\ 16 \\ 31 \\ \hline 86 \end{array}$ $225 / 86.000 = .382$	$5 \times 2 \times 9 = 90$ $\begin{array}{r} 2 \\ 19 \\ 21 \\ \hline 42 \end{array}$ $90 / 21.000 = .233$	$5 \times 3 \times 9 = 135$ $\begin{array}{r} 4 \\ 8 \\ 18 \\ 30 \\ \hline 59 \end{array}$ $135 / 59.000 = .222$	$5 \times 4 \times 9 = 180$ $\begin{array}{r} 12 \\ 4 \\ 8 \\ 18 \\ \hline 42 \end{array}$ $180 / 42.000 = .233$
	29%	18%	11%	13%
	60%	26%	17%	20%
	38%	23%	22%	23%
				120

**PERCENTAGE LANGUAGE SKILLS
NOS 17C**

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
COMMUNICATIONS	$23 \times 5 \times 10 = 1150$ 132 40 126 154 179 <hr/> 631 $1150 \div 631 = .589$	$23 \times 2 \times 10 = 460$ 8 124 132 <hr/> 460 $460 \div 132 = .287$	$23 \times 3 \times 10 = 690$ 3 22 107 132 <hr/> 690 $690 \div 132 = .191$	$23 \times 4 \times 10 = 920$ 40 3 22 87 152 <hr/> 920 $920 \div 152 = .165$
	55%	29%	19%	17%
LAND NAVIGATION	$17 \times 5 \times 11 = 935$ 93 84 100 127 147 <hr/> 551 $935 \div 551 = .589$	$17 \times 2 \times 11 = 374$ 25 79 104 <hr/> 374 $374 \div 104 = .278$	$17 \times 3 \times 11 = 561$ 16 60 138 214 <hr/> 561 $561 \div 214 = .381$	$17 \times 4 \times 11 = 748$ 93 16 60 79 248 <hr/> 748 $748 \div 248 = .322$
	59%	28%	38%	33%
M16A1 RIFLE	$5 \times 5 \times 10 = 250$ 28 12 30 29 40 <hr/> 139 $250 \div 139 = .556$	$5 \times 2 \times 10 = 100$ 2 22 21 <hr/> 100 $100 \div 21 = .246$	$5 \times 3 \times 10 = 150$ 1 11 22 34 <hr/> 150 $150 \div 34 = .227$	$5 \times 4 \times 10 = 200$ 12 1 11 18 42 <hr/> 200 $200 \div 42 = .216$
071-311-200/3467	56%	24%	23%	21%
				121

**PERCENTAGE LANGUAGE SKILLS
NOS 17C**

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{R} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
LAW 571-218-2701 27-218-2702 27-218-2703	$2 \times 5 \times 7 = 105$ $\begin{array}{r} 14 \\ 5 \\ 14 \\ 14 \\ 19 \\ \hline 66 \end{array}$ $105 \overline{) 66.000}$ $\begin{array}{r} .629 \\ 105 \overline{) 66.000} \end{array}$	$3 \times 2 \times 7 = 42$ $\begin{array}{r} 2 \\ 13 \\ 15 \\ \hline 42 \end{array}$ $42 \overline{) 15.000}$ $\begin{array}{r} .357 \\ 42 \overline{) 15.000} \end{array}$	$3 \times 3 \times 7 = 63$ $\begin{array}{r} 0 \\ 3 \\ 12 \\ 15 \\ \hline 63 \end{array}$ $63 \overline{) 15.000}$ $\begin{array}{r} .238 \\ 63 \overline{) 15.000} \end{array}$	$3 \times 4 \times 7 = 84$ $\begin{array}{r} 5 \\ 0 \\ 3 \\ 9 \\ 17 \\ \hline 84 \end{array}$ $84 \overline{) 17.000}$ $\begin{array}{r} .202 \\ 84 \overline{) 17.000} \end{array}$
	63%	36%	24%	20%
CRIMINALS	$8 \times 5 \times 9 = 360$ $\begin{array}{r} 20 \\ 7 \\ 30 \\ 23 \\ 55 \\ \hline 115 \end{array}$ $360 \overline{) 115.000}$ $\begin{array}{r} .319 \\ 360 \overline{) 115.000} \end{array}$	$4 \times 2 \times 9 = 72$ $\begin{array}{r} 1 \\ 24 \\ 25 \\ \hline 72 \end{array}$ $72 \overline{) 25.000}$ $\begin{array}{r} .174 \\ 72 \overline{) 25.000} \end{array}$	$8 \times 3 \times 9 = 216$ $\begin{array}{r} 1 \\ 2 \\ 5 \\ 7 \\ \hline 216 \end{array}$ $216 \overline{) 29.000}$ $\begin{array}{r} .134 \\ 216 \overline{) 29.000} \end{array}$	$1 \times 4 \times 9 = 36$ $\begin{array}{r} 7 \\ 1 \\ 6 \\ 21 \\ 35 \\ \hline 70 \end{array}$ $36 \overline{) 70.000}$ $\begin{array}{r} .194 \\ 36 \overline{) 70.000} \end{array}$
	32%	17%	13%	17%
MINES 051-172-1021 1022 1003 1012	$4 \times 5 \times 9 = 180$ $\begin{array}{r} 13 \\ 5 \\ 10 \\ 10 \\ 15 \\ \hline 53 \end{array}$ $180 \overline{) 53.000}$ $\begin{array}{r} .294 \\ 180 \overline{) 53.000} \end{array}$	$4 \times 2 \times 9 = 72$ $\begin{array}{r} 0 \\ 10 \\ 10 \\ \hline 72 \end{array}$ $72 \overline{) 10.000}$ $\begin{array}{r} .139 \\ 72 \overline{) 10.000} \end{array}$	$4 \times 2 \times 9 = 72$ $\begin{array}{r} 0 \\ 2 \\ 5 \\ 7 \\ \hline 72 \end{array}$ $72 \overline{) 10.000}$ $\begin{array}{r} .065 \\ 72 \overline{) 10.000} \end{array}$	$4 \times 2 \times 9 = 72$ $\begin{array}{r} 5 \\ 0 \\ 2 \\ 5 \\ 12 \\ \hline 72 \end{array}$ $72 \overline{) 12.000}$ $\begin{array}{r} .167 \\ 72 \overline{) 12.000} \end{array}$
	29%	14%	7%	17%
				122

PERCENTAGE LANGUAGE SKILLS
NOS 176

TR = total number of responses to variables in the cluster
T = number of tasks in cluster
V = variable
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
VEHICLE OPERATIONS	$11 \times 5 \times 10 = 550$ $40 \quad .427$ $25 \quad 550 \overline{) 235.000}$ 52 53 65 235	$11 \times 2 \times 10 = 220$ $2 \quad .191$ $40 \quad 220 \overline{) 42.000}$ 42	$11 \times 3 \times 10 = 330$ $0 \quad .133$ $9 \quad 330 \overline{) 44.000}$ 35 44	$11 \times 4 \times 10 = 440$ $25 \quad .139$ 0 $9 \quad 440 \overline{) 61.000}$ 27 61
	43%	19%	13%	14%
M60 MAINTENANCE	$9 \times 5 \times 9 = 405$ $36 \quad .437$ $10 \quad 405 \overline{) 177.000}$ 35 42 177	$9 \times 2 \times 9 = 162$ $1 \quad .211$ $38 \quad 162 \overline{) 37.000}$ 39	$9 \times 3 \times 9 = 243$ $1 \quad .119$ $1 \quad 243 \overline{) 29.000}$ 25 40	$9 \times 4 \times 9 = 324$ $10 \quad .127$ $1 \quad 324 \overline{) 41.000}$ 25 40
	44%	24%	12%	12%
Computer 61-297-1150-5	$6 \times 5 \times 11 = 330$ $35 \quad .421$ $9 \quad 330 \overline{) 140.000}$ 26 32 38 140	$6 \times 2 \times 11 = 132$ $8 \quad .356$ $27 \quad 132 \overline{) 47.000}$ 47	$6 \times 3 \times 11 = 198$ $28 \quad .556$ $32 \quad 198 \overline{) 110.000}$ 50 110	$6 \times 4 \times 11 = 264$ $9 \quad .422$ $28 \quad 264 \overline{) 112.000}$ 32 45 114
	42%	36%	56%	43%
				123

**PERCENTAGE LANGUAGE SKILLS
NOS 17C**

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
FADAC	$15 \times 5 \times 10 = 750$ $\begin{array}{r} 49 \\ 20 \\ 74 \\ 72 \\ 87 \\ \hline 302 \end{array}$ $750 \overline{) 302.000}$ $\begin{array}{r} .403 \\ 750 \overline{) 302.000} \end{array}$	$15 \times 2 \times 10 = 300$ $\begin{array}{r} 7 \\ 71 \\ 80 \end{array}$ $300 \overline{) 80.000}$ $\begin{array}{r} .267 \\ 300 \overline{) 80.000} \end{array}$	$15 \times 3 \times 10 = 450$ $\begin{array}{r} 23 \\ 30 \\ 79 \\ 132 \end{array}$ $450 \overline{) 132.000}$ $\begin{array}{r} .293 \\ 450 \overline{) 132.000} \end{array}$	$15 \times 4 \times 10 = 600$ $\begin{array}{r} 20 \\ 23 \\ 30 \\ 70 \\ 143 \end{array}$ $600 \overline{) 143.000}$ $\begin{array}{r} .239 \\ 600 \overline{) 143.000} \end{array}$
	40%	27%	29%	24%
LASTA	$8 \times 5 \times 2 = 80$ $\begin{array}{r} 1 \\ 4 \\ 4 \\ 5 \\ \hline 15 \end{array}$ $80 \overline{) 15.000}$ $\begin{array}{r} .188 \\ 80 \overline{) 15.000} \end{array}$	$8 \times 2 \times 2 = 32$ $\begin{array}{r} 1 \\ 2 \\ 3 \end{array}$ $32 \overline{) 3.000}$ $\begin{array}{r} .094 \\ 32 \overline{) 3.000} \end{array}$	$8 \times 2 \times 2 = 32$ $\begin{array}{r} 1 \\ 0 \\ 1 \\ 2 \end{array}$ $4 \overline{) 7.000}$ $\begin{array}{r} .146 \\ 4 \overline{) 7.000} \end{array}$	$8 \times 4 \times 2 = 64$ $\begin{array}{r} 1 \\ 0 \\ 1 \\ 2 \end{array}$ $64 \overline{) 14.000}$ $\begin{array}{r} .219 \\ 64 \overline{) 14.000} \end{array}$
	19%	9%	15%	6%
NET	$5 \times 5 \times 7 = 225$ $\begin{array}{r} 25 \\ 10 \\ 22 \\ 23 \\ 32 \\ \hline 112 \end{array}$ $225 \overline{) 112.000}$ $\begin{array}{r} .498 \\ 225 \overline{) 112.000} \end{array}$	$5 \times 2 \times 7 = 70$ $\begin{array}{r} 4 \\ 21 \\ 25 \end{array}$ $70 \overline{) 25.000}$ $\begin{array}{r} .278 \\ 70 \overline{) 25.000} \end{array}$	$5 \times 3 \times 7 = 105$ $\begin{array}{r} 9 \\ 15 \\ 25 \\ 49 \end{array}$ $105 \overline{) 49.000}$ $\begin{array}{r} .363 \\ 105 \overline{) 49.000} \end{array}$	$5 \times 4 \times 7 = 140$ $\begin{array}{r} 10 \\ 9 \\ 15 \\ 22 \\ 56 \end{array}$ $140 \overline{) 56.000}$ $\begin{array}{r} .400 \\ 140 \overline{) 56.000} \end{array}$
	50%	28%	36%	31%
				124

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster.

PERCENTAGE LANGUAGE SKILLS NOS 17C

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
SERVER 061-297-1251 THRU 061-297-1260	$10 \times 5 \times 11 = 550$ <div> 51 30 60 69 79 <u>289</u> </div> <div> 525 289.000 </div>	$10 \times 2 \times 11 = 220$ <div> 7 59 <u>66</u> 220 </div> <div> 300 66.000 </div>	$10 \times 3 \times 11 = 330$ <div> 14 28 64 <u>106</u> 33 </div> <div> 321 106.000 </div>	$10 \times 4 \times 11 = 440$ <div> 30 14 28 57 <u>129</u> 440 </div> <div> 293 129.000 </div>
	53%	30%	32%	29%
PLOTTER	$17 \times 5 \times 11 = 935$ <div> 82 45 82 95 113 <u>417</u> </div> <div> 446 935.000 </div>	$17 \times 2 \times 11 = 374$ <div> 8 35 <u>93</u> 374 </div> <div> 249 93.000 </div>	$17 \times 3 \times 11 = 561$ <div> 5 5 5 5 5 <u>561</u> </div> <div> 415 561.000 </div>	$17 \times 4 \times 11 = 748$ <div> 25 42 73 104 <u>265</u> </div> <div> 751 265.000 </div>
	45%	25%	42%	35%
PROCESSING	$6 \times 5 \times 9 = 270$ <div> 19 14 26 30 31 <u>120</u> </div> <div> 444 270.000 </div>	$6 \times 2 \times 9 = 108$ <div> 3 25 <u>31</u> 108 </div> <div> 287 31.000 </div>	$6 \times 3 \times 9 = 162$ <div> 12 11 35 <u>58</u> 162 </div> <div> 358 58.000 </div>	$6 \times 4 \times 9 = 216$ <div> 14 12 11 35 <u>72</u> </div> <div> 72 72.000 </div>
	44%	29%	36%	33%
				125

PERCENTAGE LANGUAGE SKILLS
NOS 17C

TR = total number of responses to variables in the cluster
T = number of tasks in cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
REORDER	$5 \times 5 \times 11 = 275$ $\begin{array}{r} 24 \\ 6 \\ 21 \\ 20 \\ 30 \\ \hline 101 \end{array}$ $275 \sqrt{101.000}$ $\begin{array}{r} .367 \\ 275 \end{array}$	$5 \times 2 \times 11 = 110$ $\begin{array}{r} 6 \\ 22 \\ \hline 28 \end{array}$ $110 \sqrt{28.000}$ $\begin{array}{r} .255 \\ 110 \end{array}$	$5 \times 3 \times 11 = 165$ $\begin{array}{r} 12 \\ 8 \\ 22 \\ \hline 42 \end{array}$ $165 \sqrt{42.000}$ $\begin{array}{r} .255 \\ 165 \end{array}$	$5 \times 4 \times 11 = 220$ $\begin{array}{r} 6 \\ 12 \\ 8 \\ 18 \\ \hline 44 \end{array}$ $220 \sqrt{44.000}$ $\begin{array}{r} .200 \\ 220 \end{array}$
	37%	26%	26%	20%
SURVEY	$6 \times 5 \times 10 = 300$ $\begin{array}{r} 25 \\ 7 \\ 15 \\ 22 \\ 28 \\ \hline 97 \end{array}$ $300 \sqrt{97.000}$ $\begin{array}{r} .323 \\ 300 \end{array}$	$6 \times 2 \times 10 = 120$ $\begin{array}{r} 4 \\ 23 \\ \hline 27 \end{array}$ $120 \sqrt{27.000}$ $\begin{array}{r} .225 \\ 120 \end{array}$	$6 \times 3 \times 10 = 180$ $\begin{array}{r} 4 \\ 14 \\ 25 \\ \hline 43 \end{array}$ $180 \sqrt{43.000}$ $\begin{array}{r} .239 \\ 180 \end{array}$	$6 \times 4 \times 10 = 240$ $\begin{array}{r} 7 \\ 4 \\ 14 \\ 24 \\ \hline 49 \end{array}$ $240 \sqrt{49.000}$ $\begin{array}{r} .204 \\ 240 \end{array}$
	32%	23%	24%	20%
DA FORMS	$3 \times 5 \times 10 = 150$ $\begin{array}{r} 14 \\ 13 \\ 20 \\ 22 \\ 22 \\ \hline 91 \end{array}$ $150 \sqrt{91.000}$ $\begin{array}{r} .607 \\ 150 \end{array}$	$3 \times 2 \times 10 = 60$ $\begin{array}{r} 0 \\ 17 \\ \hline 17 \end{array}$ $60 \sqrt{17.000}$ $\begin{array}{r} .283 \\ 60 \end{array}$	$3 \times 3 \times 10 = 90$ $\begin{array}{r} 0 \\ 7 \\ 20 \\ 27 \\ \hline 54 \end{array}$ $90 \sqrt{54.000}$ $\begin{array}{r} .300 \\ 90 \end{array}$	$3 \times 4 \times 10 = 120$ $\begin{array}{r} 13 \\ 0 \\ 7 \\ 21 \\ \hline 41 \end{array}$ $120 \sqrt{41.000}$ $\begin{array}{r} .267 \\ 120 \end{array}$
	61%	28%	31%	34%

TTR = total number of responses to variables in the cluster
T = number of tasks in 1 cluster
V = variable
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
GENERATORS	1X5X4=20 $\begin{array}{r} 2 \\ 0 \\ 3 \\ 3 \\ 4 \\ \hline 12 \end{array}$ 20 $\overline{)12.000}$.600	1X2X4=8 $\begin{array}{r} 0 \\ 3 \\ \hline 3 \end{array}$ 8 $\overline{)3.000}$.375	1X3X4=12 $\begin{array}{r} 0 \\ 1 \\ 2 \\ \hline 3 \end{array}$ 12 $\overline{)3.000}$.250	1X4X4=16 $\begin{array}{r} 0 \\ 0 \\ 1 \\ 2 \\ \hline 3 \end{array}$ 16 $\overline{)3.000}$.1875
OSI-201-2005	60%	38%	25%	19%
HAND-MADE REPLICATES	6X5X5=150 $\begin{array}{r} 12 \\ 0 \\ 12 \\ 15 \\ \hline 51 \end{array}$ 150 $\overline{)51.000}$.340	6X2X5=60 $\begin{array}{r} 0 \\ 12 \\ \hline 12 \end{array}$ 60 $\overline{)12.000}$.200	6X3X5=90 $\begin{array}{r} 1 \\ 5 \\ \hline 6 \end{array}$ 90 $\overline{)6.000}$.067	6X4X5=120 $\begin{array}{r} 0 \\ 1 \\ 5 \\ 12 \\ \hline 18 \end{array}$ 120 $\overline{)18.000}$.150
	34%	20%	7%	15%
				127

APPENDIX 4

OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.

MOS _____

PERSON RECORDING _____

LOCATION
(UNIT/ALT) _____

SUBJECT _____ * TASK NUMBER IF KNOWN _____

Physical Environment of Instruction

- A. Classroom
- B. Open Areas (live firefield- mark-up terrain)
- C. Large enclosed area (bleacher sites)
(Warehouse size)
- D. * Other

Comments:

Styles of Communication Instructor, Verbal orders

- A. Formal Speech
- B. Informal Speech
- C. Regional/Ethnic
- D. Body Language
- E. Profanity
- F. Shop talk/slang
- G. Non-standard English
- I. Other

Comments:

Media of Instruction

- A. Films
- B. Video cassettes
- C. Graphic Training Aids (diagrams, etc....)
- D. Illustrations (requiring reading/not requiring reading)
- E. Maps
- F. Mock-ups
- G. Models/Aimulate
- H. al equipment
- I. nsparencies
- J. ape cassettes
- K. Training Publications (required/available)
- L. Signs/Notices
- M. P.A. System
- N. Normal Voice
- O. Soldier's Manual
- P. Chalkboard
- Q Other

Comments:

Mode of Response

- A. Manipulating a piece of equipment/device
- B. Answers (spoken - written)
- C. Signals
- D. Performance
- E. Taking Notes
- F. Teamwork
- G. Other

Comments:

Instructional Ratio

- A. Instructor, one-to-one/class
- B. Peer/one-to-one
- C. Group or Committee Group (group of instructors of whom one teaches one portion of the whole)
 - Small (12 or less)
 - Large (more than 12)
- D. er
- E. ()stions

Comments:

127

APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of
structural and lexical items
for this MOS.
(For discussion, see Section II)

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

1. Subject and action verb
Firer aims.
2. Subject and action verb and direct/indirect object
Many things cause burns.
3. Subject and linking verb and subjective complement
This is very important.

COMPOUND: Two or more sentences joined by:

1. Coordinating conjunction

Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

2. Conjunctive adverb

Do not start or stop the vehicle while the radio is on or you may damage the set.

3. Semicolon

A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

COMPLEX: One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.

3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

SENTENCE TYPES

1. INTERROGATIVE

(do, does, modal, wh-, tag, inverted)
But what about the other 15 meters?
Ask, "What is there?"

2. DECLARATIVE

Classified information will not be discussed over the telephone.

3. EXCLAMATORY

HALT!

4. IMPERATIVE

Issue the challenge in a soft voice and wait for the (requests, commands, second person (singular/plural, negative/affirmative), First and second person (let's)) stranger to reply with the correct password.

5. ELLIPSIS:

Split the bracket until fire for effect is possible. Most common type of ellipsis--subject deleted

6. FRAGMENT

Movement to occupy a position.
All other parts.

ADVERBIAL CLAUSES

1. PURPOSES

Training must be conducted so that at least 80% of the students can accomplish the task trained to the standards specified for the task.

2. CONTRAST

Although natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

3. COMPARISON

Place suitable material under him as well as over him if necessary.

4. RESULT

Blending is the use of camouflage materials on, over, and around an object so that it appears to be part of the background.

5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.

Split the bracket until fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be released.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed skin paint the shiny areas with a dark color.

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

LEXICAL ITEMS

ADJECTIVALS

"rifle bore cleaner"
"waste material"
"burning residue"
"semi-fixed ammunition"
"extracting/loading ammunition"
"firing hammer"
"four life-saving steps"
"chest/heart massage"
"tourniquet material"
"field material"
"field condition"
"mouth-to-mouth resuscitation"

ADJECTIVES

1. WORD + ABLE

AVAILABLE

2. COMPARATIVES

Threat main tanks are smaller than the US main battle tanks.

3. SUPERLATIVES

The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

PRONOUNS

1. INDEFINITE

Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).

2. POSSESSIVE

Shake his shoulder and shout, "Are you OK.?"

3. SUBJECTIVE

This will give you correct nomenclature.

4. OBJECTIVE

It will also give you the correct functioning.

5. REFLEXIVE

Keep yourself clear of the muzzle.

VERBS

1. VERB TENSES

Make sure you clearly understand the task you are to teach.

--You will be tested.

--If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.

--If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.

--When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.

--Have someone walk the FDL and determine dead space.

--Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb
present verb (uninflected, third
person, indicative)
past tense (regular/irregular)
present perfect
future

2. TYPES

intransitive
(You) train for results.

transitive
Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize
protect
is facing
remove
explode
sounds
points out
seen

appear
seek
secure
wear
mask
stored
do require
could affect

has
must be
wipe
rinse
put brush
empty
reassemble
reinstall

passive

given
is protected
is sprayed

are alerted
are reported
have been corrected

are authorized
be corrected

passive+verb+ing
"task will be performed
using procedures"
modal+passive voice
"can be determined"
modal+negative+passive
"must not be eliminated"

4. MODALS

You must demonstrate, once every 6 months, that you can meet or exceed the minimum level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"
"be"
"will be given"
"should be"
"must"
"must be"
"can"
"can be"
"may be"
"should not be"

5. AUXILIARIES

(do, does, negative)

Do not zero in under 100 meters.

If the round does not fall within 5 meters of target, zeroing procedures are called for.

GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

INFINITIVES

To fire, hold the M16A1 in the rest with your right shoulder firmly against the weapon's butt plate.

ADVERBS +

1. SUPERLATIVE

When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

2. INDEFINITE

The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

3. FREQUENCY

Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

4. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly steps.

5. COMPARATIVE

The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

VERBS AND ADVERB

(particles)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary.

NOT APPLICABLE

REF: On 15 MAY 1981 agreement between
TRADOC and DLIELC was reached
that DLIELC In-House Vocabulary
would not be produced for this
MOS.

APPENDIX 7

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

"5ADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job Proj No

FA

AUG 21 1980

3E

DLT



MOS-17C SK-11-1

COUNT1 WORD1

COUNT2 WORD2

COUNT3 WORD3

COUNT4 WORD4

21 GR ID	10 GRIDDED	3 GROUND	1 GROUND
3 GUNERY	6 H	3 H-1	4 H-2
4 H-1	1 H-4	1 H-5	1 H-8
5 H-1 PLINE	4 HALF	2 HALFWAY	2 HAND
2 H-2	2 HASTY	1 HAVE	2 HAVING
2 H-3	26 HEIGHT	1 HEIGHTS	1 HELD
2 H-4	1 HIGHER	2 HOLDING	1 HOOKS
2 H-5	1 HUNDRED	2 HOLDING	12 I
2 H-6	21 IF	1 HYDROMETER	3 III
2 H-7	101 IN	12 II	7 INDEX
2 H-8	1 INDICATES	1 INCHES	4 INDIRECT
2 H-9	1 INFORMATION	2 INDICES	1 INITIALLY
2 H-10	1 INKING	10 INITIAL	1 INSEPT
2 H-11	1 INSPECT	30 INP	2 INSTALL
2 H-12	3 INSTRUCTIONS	5 INSPECTION	3 INSURE
2 H-13	1 INSTRUCT	1 INTRUENT	2 INTERMEDIATE
2 H-14	1 INTAKE	1 INTERIOR	2 INTERSECTIONS
2 H-15	3 INTERSECT	3 INTERSECTION	4 INTO
2 H-16	20 INTERVAL	29 INTERVALS	3 IYS
2 H-17	36 IS	7 IT	1 JUST
2 H-18	2 J	31 JUS	1 JET
2 H-19	1 J1	1 JEL	5 KEEP
2 H-20	1 J5	2 K	4 KACNA
2 H-21	2 KNOT	1 KACTS	30 LAS
2 H-22	6 LABEL	1 LAPP	1 LATTP
2 H-23	1 LATCHES	2 LATERAL	1 LEAST
2 H-24	1 LEVERS	4 LEAD-IN	2 LEGS
2 H-25	9 LEFT	2 LEG	1 LEVELED
2 H-26	3 LESS	2 LEVEL	2 LIGHT
2 H-27	1 LEVELS	3 LI	10 LINES
2 H-28	1 LIMIT	21 LIME	22 LOCATION
2 H-29	2 LOAD	1 LOCATED	1 LOCKING
2 H-30	1 LOCK	1 LOCKED	1 LCN
2 H-31	1 LOCSE	2 LCST	2 M
2 H-32	4 LP	1 LR	8 PAINT
2 H-33	2 MADE	1 MAIN	1 MIN
2 H-34	5 MAKE	1 MAKES	5 PACK
2 H-35	14 MANUAL	30 M/R	55 MATRIX
2 H-36	1 MACHING	2 MATHEMATICAL	19 MEASURE
2 H-37	3 MAY	4 MEAN-POINT-OF-IMPACT	2 MEMBER
2 H-38	54 MEASURES	1 MEASURING	3 METEOROLOGICAL
2 H-39	1 MEN	1 MET	4 METHOD
2 H-40	7 METER	12 METERS	3 MICROPHONES
2 H-41	1 MIC	24 MICROPHONE	7 MILITARY
2 H-42	2 MIDPOINTS	7 MIL	2 MISSING
2 H-43	4 MINUS	9 MINUTES	2 ML-474/ON
2 H-44	3 ML-122	1 ML-224	3 ACC
2 H-45	7 ML-577	1 ML126	2 PLST
2 H-46	2 MOUNTED	3 MULTIPLY	2 PLA
2 H-47	3 M...	1 M-M2	1 PA
2 H-48	3 M2-M4	5 M3	1 PA

[illegible]

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COUNT2 WORD2	COUNT3 WORD3	COUNT4 WORD4
3 H2-44	3 LOT	3 OBSERVATION
3 OFF	3 CAF	3 CALY
3 PCS	3 PILOT	3 PLUS
3 POST	3 PAIVIOUSLY	3 PROCDURE
3 READINGS	3 RED	3 FI
3 S-41	3 SP	3 SECTION
3 SIGNAL	3 SPECIFIED	3 SPEEDS
3 STARTING	3 STONAGE	3 STCAIGHT
3 SWITCH	3 TASK	3 THAM
3 TRANSMISSION	3 TRIG	3 UNANIMATED
3 VISUAL	3 WARNING	3 VAS
2	2	2
2	2	2
2 ACTUAL	2 ADJUSTING	2 ACCORDANCE
2 ANOTHER	2 APPROXIMATE	2 AIR
2 ASY	2 BACK	2 ASSISTANT
2 BREAKER	2 CARDINAL	2 BELOW
2 CHIEF	2 CHEESE	2 CASE
2 COLUMN	2 COLUMNS	2 CIRCUIT
2 C3	2 D-	2 CONNECTING
2 D-4	2 DAY	2 D-2
2 DELIBERATE	2 DESCRIPTION	2 DEDE+
2 UN+	2 DECM	2 DIVIDE
2 ELEMENT	2 ELEWIS	2 CURTAIN
2 EXTEND	2 FACTOR	2 ETC
2 FIVE	2 FELLGAS	2 FIFED
2 G-7	2 GENERATOR	2 FOUR
2 HELPMAY	2 HS	2 GET
2 HE	2 HIGH	2 HOLDING
2 IMPROPER	2 INDICES	2 LASTALL
2 INTERMEDIATE	2 INTERSECTIONS	2 IRREGULAR
2 K	2 KNELT	2 LAYREAL
2 LEVEL	2 LIGHT	2 LEAD
2 LOST	2 M	2 PA
2 MANIER	2 MAXIMUM	2 MEASURING
2 MIDDGINTS	2 MISSION	2 PL-474/54
2 MUST	2 M'A	2 NEW
2 OUSERVERS	2 OPEN	2 ORDER
2 PERMIT	2 PLUG	2 POSITIONS
2 PREVENTIVE	2 PROCEED	2 PRODUCE
2 PUSH	2 QUADRANT	2 QUANTITY
2 READING	2 PENNY	2 RELATION
2 REMOVE	2 RESULTS	2 REVERSE
2 SAMPLE	2 SECOND	2 SECURE
2 SERVICE	2 SIGHT	2 SLIDE
2 START	2 STRAIGHTEDGE	2 SURFACES
2 TAPE	2 TIG-33	2 TEAN
2 THESE	2 TCEL	2 TCCLS
2 TROUBLESHOOT	2 TYPE	2 Y2
2 USUAL	2 VERIFY	2 VIRTUAL

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PS

HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No / Proj No



FA

AUG 21 1980

WFA

DLT

MOS-17C SK11-2

COUNT2 WORD2 MOS WORD LISTING/ASCENDING SEQUENCE COUNT4 WORD4

COUNT1 WORD1

1 UNIT	15 LINE	17 LINES	4 LOG
2 UNIT	1 LOGS	2 LINES	3 LP
3 UNIT	1 H-10	3 PATIENCE	2 MANUAL
4 UNIT	1 HAPS	7 MEASURES	1 MARGINAL
5 UNIT	1 MEASURE	1 HIL	2 METER
6 UNIT	1 HIGH IMPHONES	2 PLATES	2 MILITARY
7 UNIT	1 MINUTE	2 PLATES	2 WIRE
8 UNIT	1 MINUTE	2 PLATES	2 NECESSARY
9 UNIT	1 MINUTE	2 PLATES	1 NORMAL
10 UNIT	1 MINUTE	2 PLATES	2 NIT
11 UNIT	1 MINUTE	2 PLATES	1 OHSERVER
12 UNIT	1 MINUTE	2 PLATES	4 USE
13 UNIT	1 MINUTE	2 PLATES	1 OPERATE
14 UNIT	1 MINUTE	2 PLATES	3 OF
15 UNIT	1 MINUTE	2 PLATES	3 OUTPOST
16 UNIT	1 MINUTE	2 PLATES	6 PAP
17 UNIT	1 MINUTE	2 PLATES	1 PATTERN
18 UNIT	1 MINUTE	2 PLATES	6 PERFORM
19 UNIT	1 MINUTE	2 PLATES	4 PG
20 UNIT	1 MINUTE	2 PLATES	2 PLOT
21 UNIT	1 MINUTE	2 PLATES	1 PLARITY
22 UNIT	1 MINUTE	2 PLATES	2 PRELIMINARY
23 UNIT	1 MINUTE	2 PLATES	3 PROCEDURES
24 UNIT	1 MINUTE	2 PLATES	4 PI
25 UNIT	1 MINUTE	2 PLATES	6 RAILING
26 UNIT	1 MINUTE	2 PLATES	4 RECEIVED
27 UNIT	1 MINUTE	2 PLATES	4 REFERENCE
28 UNIT	1 MINUTE	2 PLATES	1 REPORT
29 UNIT	1 MINUTE	2 PLATES	1 REQUIRED
30 UNIT	1 MINUTE	2 PLATES	1 RIGHT
31 UNIT	1 MINUTE	2 PLATES	1 RIGHT
32 UNIT	1 MINUTE	2 PLATES	1 RIGHT
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99 UNIT	1 MINUTE	2 PLATES	1 RIGHT
100 UNIT	1 MINUTE	2 PLATES	1 RIGHT

DATE 8C231 125C PAGE 3
COUNT4 WORD4

1 VICE
3 HAVE
4 WITH
4 WITHOUT
1 ZERO

MUS WORD LISTING/ASCENDING SEQUENCE
COUNT3 WORD3

2 VALLEYS
1 KAS
1 EITHER
5 WITHIN
9 YEU

COUNT2 WORD2

5 USING
1 H/CL
2 WHERE
6 WITH

COUNT1 WORD1

1 THE
1 VISIT
1 DAY
13 WILL

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[illegible]

2	2	PHILIPPIANS	2	1	NO
2	2	RELIGIOUS	1	1	OVERSEER
2	2	SELECT	1	1	OVERALL-CIRCUIT
2	2	SUBTRACT	1	1	PIECE
2	2	TALL	1	1	PREVENTIVE
2	2	THAT	1	1	RECEIVE
2	2	VALLEYS	1	1	REPRESENT
1	1	ABOVE	1	1	RIGHT
1	1	ACQUIRE	1	1	SAME
1	1	ANNOUNCE	1	1	SELECTOR
1	1	AUXILIARY	1	1	SIGN
1	1	BELOW	1	1	SKETCH
1	1	BUOYS	1	1	STAGE
1	1	CHOOSE	1	1	SURVEYOR-BASIC
1	1	COMMUNICATE	1	1	SYSTEM
1	1	COMPONENTS	1	1	
1	1	CONFIRM	1	1	
1	1	COSTUME	1	1	
1	1	D	1	1	
1	1	DESTROY	1	1	
1	1	DURING	1	1	
1	1	ESTIMATE	1	1	
1	1	FIND	1	1	
1	1	FOUR	1	1	
1	1	GRID	1	1	
1	1	HAVE	1	1	
1	1	HEIGHTS	1	1	
1	1	HIS	1	1	
1	1	INSTALL/OPERATE	1	1	
1	1	INTERPOLATING	1	1	
1	1	LEFT	1	1	
1	1	LIMIT	1	1	
1	1	MARGINAL	1	1	
1	1	MILES	1	1	
1	1	NO	1	1	
1	1	OVERSEER	1	1	
1	1	OVERALL-CIRCUIT	1	1	
1	1	PIECE	1	1	
1	1	PREVENTIVE	1	1	
1	1	RECEIVE	1	1	
1	1	REPRESENT	1	1	
1	1	RIGHT	1	1	
1	1	SAME	1	1	
1	1	SELECTOR	1	1	
1	1	SIGN	1	1	
1	1	SKETCH	1	1	
1	1	STAGE	1	1	
1	1	SURVEYOR-BASIC	1	1	
1	1	SYSTEM	1	1	

[illegible]

	IN	
2	SIGHT	
2	SIC	
2	TARGET	
2	TESTS	
2	TIME	
2	WINE	
1	ACCORDING	
1	AND/OR	
1	APPLICATION	
1	BATTERY	
1	BLACK	
1	CANAL	
1	CLEANING	
1	COMPLETED	
1	COMPUTATIONS	
1	CORRECTION	
1	CUTS	
1	DEFICIENCIES	
1	DIRECTORS	
1	EATER	
1	FALLS	
1	FOLLOWING	
1	FURTHER	
1	H-144V	
1	HEADQUARTERS	
1	HIGHER	
1	INCORPORATE	
1	INSTRUCTION	
1	JAIL	
1	LIGHT	
1	M-16	
1	MICROPHONES	
1	MUST	
1	NORMAL/COVERALL MILITARY	
1	PULY	
1	PEAKS	
1	POLARITY	
1	PROTRACTOR	
1	REPAIR	
1	REPRESENTING	
1	RETAYE	
1	SECOND	
1	SERVICES	
1	SINK	
1	SOUNDS	
1	STRIPS	
1	SURVEYOR-TRIO	
1	TABLETS	

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00001 2001

1 11-12
1 11-13
1 11-14
1 11-15
1 11-16

00012 2002 POS WORD LISTING/DESCENDING FREQUENCY
COUNTS 2003

1 TELEPHONES
1 TOOLS
1 URBITS
1 W/CL

1 TCR-17AL
1 T-1000
1 T-1000
1 T-1000
1 T-1000
1 T-1000

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1 TESTED
1 T-1000
1 T-1000
1 T-1000
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1 T-1000

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HEADQUARTERS

DATA CONTROL NUMBER

100 NO / PROJECT NO

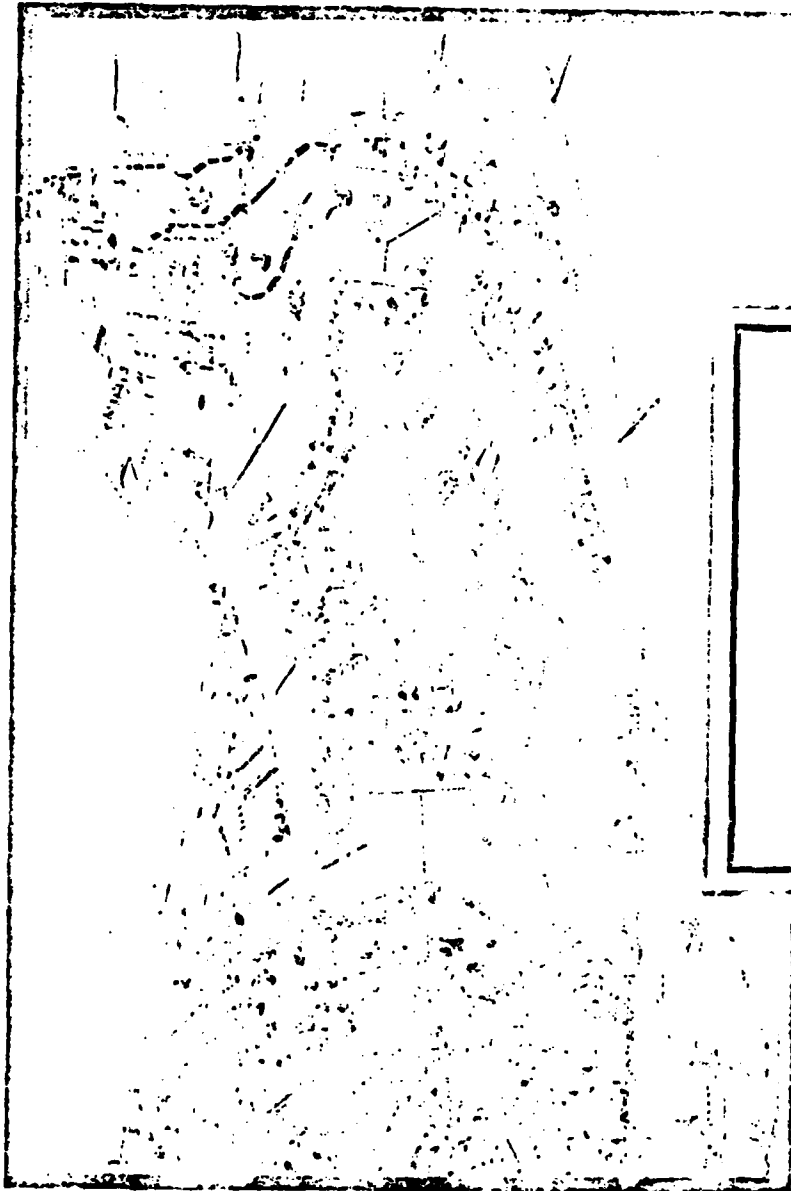
UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

WCA

30 SEP 1980

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17C SL1

PREPARED BY: OPERATIONS DIV. DPFO

ATDP FORM 109 Replaces ATDS 116, Jul 74, which is obsolete

COPY ____ OF ____ COPIES

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MOS WORD LIST BY PAGE

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1 SINE-TANGENT	122,1				
1 SOUND-CN-SOUND	122,2	13,2			
1 SPEED	122,1	48,5	19,1	16,3	12,1
1 SPLASH	122,3				
1 STYLUS	6,1				
1 STYLUSES	6,2	2,1	15,1		
1 SUBRASE	122,13	15,1			
1 SUBRASES	122,2				
1 TEMPERATURE	122,10	48,4	39,2	16,3	12,1
1 TEMPERATURES	48,2	122,2			
1 TEMPLATE	15,1				
1 TGT	15,8				
1 TIME	122,44	48,1	39,1	16,3	15,4
1 TIMES	122,1	16,1	15,4	13,2	12,1
1 TRACE	122,7				6,2
1 UNNUMBERED	15,1	122,2			
1 WEIGHTED	122,1	48,2	16,3		
2 ACORACIES	122,1				
2 ALGEBRAIC	122,2	15,4	6,1		
2 BALLOON	48,8	16,4	1,2		
2 CHART	122,37	15,2			
2 COMPUTER	122,24	15,2			
2 HIRLINE	122,1				
2 HEIGHT	15,12	13,1	9,1	122,11	18,1
2 HEIGHTS	122,1				
2 HORIZONTAL	16,5	122,1	48,1		
2 LEVEL	122,1	16,1			
2 LEVELLED	1,1				
2 LEVELING	48,1				
2 LEVELS	48,1				
2 LOCATED	9,1				
2 REGULAR	122,1				
2 RESECTION	15,1				
2 SCALES	122,1				
2 SPEEDS	48,2	16,1			
2 VOLTAGE	122,1	15,1			
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3 A-2	39,1				
3 A-3	39,1				
3 A-4	39,1				
3 A-5	39,1				
3 A-6	39,1				
3 A-7	39,1				
3 ACCURACY	122,8	15,1			
3 ADJUST	122,5				
3 ADJUSTING	13,1	122,1			
3 ADJUSTMENT	122,2	13,5	9,4		
3 ALGEBRAICALLY	16,1				
3 ALTITUDE	122,2	39,1			

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3	ALTIMETER	122.1							
3	B-1	9.1							
3	B-2	9.1							
3	B-3	9.1							
3	B-4	9.1							
3	B-5	9.1							
3	B-6	9.1							
3	BULB	48.3	39.2	16.1					
3	BURST	122.7							
3	C-1	17.1							
3	C-3	17.1							
3	C-6	17.1							
3	CLAMPING	122.1							
3	COMMAND	122.6							
3	COMMANDS	48.1	48.1						
3	COMPUTED	122.3							
3	CONNECT	122.4							
3	DEGREE	12.1	48.1						
3	DECP	122.1							
3	EAST-WEST	203.1							
3	EFFECTIVE	48.5	19.1	16.2					
3	FADIC	12.3	9.5	122.17	39.3	18.3	17.3	15.4	13.3
3	FAN	122.15	15.4						
3	FANS	122.4	15.1						
3	FIRE	122.16	13.3	9.1					
3	FLASH	122.26	17.2	15.2	9.3				
3	KNOT	16.2							
3	LOCATION	12.2	122.9	18.1	17.3	15.3	13.2		
3	LOCATIONS	39.3	18.9						
3	MA	122.2							
3	MATHEMATICAL	122.2							
3	MET	39.1							
3	MINUS	122.1	15.2						
3	ML-122	48.1	16.1	2.1					
3	ML-224	48.1							
3	ML-474A/GH	48.1							
3	ML-577	48.5	2.1	200.1					
3	OBSERVATION	39.2	18.1						
3	OBSERVERS	122.2							
3	OPERATOR	16.1	15.2	6.2	122.1				
3	OPERATOR'S	15.1	6.2	2.1	48.1	39.1			
3	POSITIONS	122.1	39.1						
3	READER	122.1	13.2	6.1					
3	RECALL	18.4							
3	SOUND	122.21	39.1	16.3	15.3	13.3	12.6	6.13	2.2
3	SOUND/FLASH	9.1	122.5	17.1	15.1				
3	SR	6.1							
3	WEATHER	122.17							
4	CHARTS	122.2							
4	COMPONENTS	15.2	6.2						

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MOS WORD LIST BY PAGE

4	CURRENT	39.2	12.1						
4	CURVED	122.4							
4	DATA	122.11	39.4	18.2	16.2				
5	ALIGN	122.1							
5	ANNOUNCE	122.7	48.1	15.1	9.1	6.1			
5	ANNOUNCED	122.2	16.1	15.1					
5	ARC	122.1							
5	AVERAGE	122.2							
5	AXIS	122.1							
5	BALLISTIC	48.3							
5	BATTERIES	15.1	6.2						
5	BATTERY	15.2	122.2						
5	BLOCK	48.1	6.1	200.1	122.1				
5	BLOCKS	16.1							
5	BUTTON	9.1	122.1	17.1	15.7	12.1			
5	CALCULATOR	122.1							
5	CASE	122.2							
5	CIRCUIT	122.2							
5	CONVERT	122.1							
5	CROSSHAIRS	48.1							
5	DAMAGE	15.1							
5	DEFLECTION	122.1							
5	DEPRESSION	48.1							
5	DISPLAY	18.3	15.5						
5	ELEMENTS	122.2							
5	ENTERED	122.1	12.2						
5	ERROR	122.8	48.2	39.1	18.1	9.1	6.4	17.1	15.3
5	EXTENDING	122.1							12.1
5	IDENTIFICATION	1.1							
5	INFLATED	1.1							
5	INFORMATION	122.1							
5	INKING	2.1							
5	LABEL	122.3	15.2						
5	MISSING	122.7							
5	MOD	122.3							
5	OFFSET	122.4							
5	RECEPTACLE	122.9							
5	STORE	39.1	12.2						
5	STORED	18.3	9.1	39.1					
5	SURFACE	122.1	48.1	16.1	2.1				
5	TAPE	122.1							
5	TE-33	6.2							
5	TELETYPE	39.1							
5	TELETYPEWRITER	13.1	122.5	18.5					
5	TEST	122.1	15.2	6.1					
5	THEODOLITE	16.2	1.2	48.2					
5	UNREADABLE	122.1							
5	VERTEX	122.4	15.1						
5	WARNING	48.1							

**UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND
FORT MONROE, VIRGINIA 23651**

JCA

96 SEP 1980

30 SEP

SL2



NC SL2

1	CONTAINING	1.1	230.4	122.2
1	COSINE	11.1		
1	POLARITY	11.1		
1	P1	1.2		
1	P2	1.2		
2	ANGLE	230.1		
2	ANGLES	1.2		
2	ARRIVAL	11.4		
2	AZIMUTH	230.3	122.2	1.7
2	AZIMUTHS	1.4		
2	BEARING	230.1		
2	BEARINGS	122.1	11.1	
2	DISTANCE	230.2	122.1	
2	DROP	122.1		
2	EASTING	230.2		
2	ELEVATION	122.2		
2	ELEVATIONS	122.2		
2	INTERPLATING	11.1		
2	WIL	230.1		
2	WILS	122.1		
2	WILS/OVERALL-AUXILIARY	11.2		
2	WILS/OVERALL-AUXILIARY	11.1		
2	PRELIMINARY	11.2		
2	PRECEDENCES	122.1	11.2	
2	QUADRANT	230.2		
2	RECORD-READING	11.2		
2	SINE	230.1		
2	SOUND	122.2	11.12	
2	SOUND/FLASH	1.1	11.1	
2	SONICS	11.1		
3	COMMUNICATIONS	11.2		
3	COMPUTE	1.3	230.1	
3	COUNTER	122.6		
3	COSINE	230.1		
3	DIFFERENCE	230.8		
3	DIFFERENCES	230.1		
3	FLASH	122.2		
3	GRID	1.1		
3	GROUNDO	122.1	11.1	
3	LOG	230.3		
3	LOGARITHMS	230.4		
3	LOGS	230.1		
3	METER	230.2		
3	MICROPHONE	11.6		
3	MICROPHONES	11.1		
3	NONVISIBLE	9.2		
3	NORTHING	230.2		
3	PATTERN	11.1		
3	PERPENDICULAR	122.4		
3	PERPENDICULARS	122.1		

POS WORD LIST BY PAGE

3	POINT	11.2	1.5	122.3	
3	POINTS	122.5	9.1	1.1	230.1
3	POSITION	11.3			
3	PROFILE	122.3			
3	RANGING	122.4	11.2		
3	RECORD	11.4			
3	RESECTION	1.2			
3	RESULT	122.1	1.1		
3	SB-223/GR	11.7			
3	SEC	11.1	2.1		
3	SECOND	11.1			
3	SECONDS	11.1			
3	SELECTOR	11.1			
3	SIGN	230.1			
3	SIGNS	230.1			
3	STAKE	11.1			
3	SYSTEM	11.1			
3	TARGET	11.1			
3	TANGENT	122.2	230.1		
3	TIMES	11.4			
3	VISIBILITY	122.2			
3	WVS	11.3			
4	ACCORDANCE	11.1			
4	ACCORDING	11.1			
4	ACQUANTE	11.1			
4	ACTIVATE	11.1			
4	AUXILIARY	11.1			
4	AVERAGE	1.2			
4	BATTERY	11.1			
4	CHANNEL	11.2			
4	COMMUNICATE	11.1			
4	COMPUTATION-AZIMUTH	230.1			
4	COMPUTATIONS	230.1			
4	COMPUTING	1.1			
4	CONNECT	122.2			
4	CONNECTING	122.1			
4	CONNECTION	11.1			
4	CONSTRUCT	122.2			
4	CONTACT	11.2			
4	CORRESPOND	122.1			
4	CORRESPONDING	122.3			
4	CURVED	122.2			
4	DETERMINE	230.3	11.1	1.1	
4	DETERMINED	230.3			
4	DIAGRAM	122.2			
4	DIRECTION	40.1	122.1		
4	DIRECTIONS	122.1			
4	ESTIMATE	122.1			
4	EXTENDING	122.1			
4	FUNCTIONS	230.1			
4	HEIGHT	122.1	1.3		

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5 EQUIPMENT	11.2	1.1	
5 ERROR	11.2	1.1	122.1
5 FOLDIO	230.1	1.1	
5 GR-3	11.1		
5 HANDSET/HEADS ET	11.1		
5 LIMIT	11.1		
5 LINE	122.13	11.2	
5 LINES	9.2	122.12	11.3
5 MAP	122.4	9.1	1.1
5 MAPS	9.1		
5 OPERATOR	1.4	11.7	
5 OPERATOR'S	122.1	11.1	
5 GPOER	230.4		
5 OUTPOST	11.3		
5 PREVENTIVE	11.1		
5 SET	11.2	1.1	
5 SPACED	122.1		

APPENDIX 8

ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.

(See Section II for discussion.)

LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

Sentences:

- | | |
|------------------|-------------------------|
| A. Declarative | statement |
| B. Interrogative | question |
| | 1. wh- questions |
| | 2. tag questions |
| | 3. yes/no questions |
| C. Imperative | command, polite request |
| D. Exclamatory | exclamation |

Sentence Complexity:

- | | |
|---------------------|---|
| A. Simple | one full subject and predicate |
| B. Compound | two or more independent clauses joined by: |
| | 1. punctuation |
| | 2. punctuation and conjunctive adverb |
| | 3. coordinate conjunction |
| C. Complex | one or more dependent clauses and an independent clause |
| D. Compound-Complex | two or more independent clauses and one or more dependent clauses |

Verbs:

- | | |
|----------------------------|---|
| A. Concord | subject-verb agreement |
| B. Transitive | takes an object |
| C. Intransitive | doesn't take an object |
| D. Copula | to be |
| E. Linking | connectors |
| F. Auxiliaries of tense | will, do, did |
| G. Auxiliaries of modality | should, ought to, must to, have to, have got to, able to, can, may, might, could, would |
| H. Tense | present, past |
| I. Aspect | perfect, progressive |

Verbal Forms:

- | | |
|-----------------------|---------------|
| A. Present Participle | active voice |
| B. Past Participle | passive voice |

Voice:

- | | |
|------------|----------------------------|
| A. Active | subject does action |
| B. Passive | subject does not do action |
| | 1. agent expressed |
| | 2. agent not expressed |

Nouns:

- | | |
|---------------|-----------|
| A. Singular | man, pen |
| B. Plural | men, pens |
| C. Count | chairs |
| D. Mass | flour |
| E. Possessive | soldier's |
| F. Collective | fish |

Adjectives:

- | | |
|--------------------------|---------------------------|
| A. Predicative | The tank is green. |
| B. Attributive | The green tank is moving. |
| C. Degrees of comparison | |
| 1. regular | big, bigger |
| 2. irregular | worse, worst |
| D. Ordinal/Cardinal | |
| Numbers | first, one |

Adverbs:

- | | |
|-------------------|-------------------------|
| A. Time/Frequency | immediately, today, ago |
| B. Place/Position | here, there, everywhere |
| C. Manner | maybe, possibly |
| D. Negative | no, never |
| E. Comparison of | nearest, harder |
| F. Degree | thoroughly, completely |

Articles:

- | | |
|---------------|-----------|
| A. Definite | a, the |
| B. Indefinite | any, some |

Pronouns:

- | | |
|------------------|---------------------|
| A. Personal | you |
| B. Demonstrative | that |
| C. Indefinite | anybody, both, each |
| D. Reflexive | himself, yourself |
| E. Cases of | I, me, my, mine |
| F. Relative | who, whom, whose |
| G. Interrogative | who, which, what |

Conjunctions:

- | | |
|-----------------------|------------------------------|
| A. Coordinating | and, but, or, nor |
| B. Subordinating | because, if, as, that, after |
| C. Correlative | either, or |
| D. Conjunctive adverb | therefore, furthermore |

Prepositions:

A. Simple

- | | |
|----------------------------------|------------|
| 1. place | on, in |
| 2. time | in, at, on |
| 3. direction/motion | to |
| 4. manner/agent/
instrument | by, with |
| 5. measurement/
number amount | of |

B. Compound:

according to, because of, by means

Vocabulary:

words from 1100 through 2400 -
Elementary and Intermediate Phase of General
English materials

Special Expressions/Idioms

"knock it off" "can it, buddy"

Verb Combinations

two word verbs

ATE
LME